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CURRENT SERIAL RECORDS
UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
PLANT QUARANTINE DIVISION
WASHINGTON 25, D.C.

LIST OF INTERCEPTED PLANT PESTS, 1962

(Pests Recorded From July 1, 1961, Through June 30, 1962)

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INTRODUCTION

This 49th interception list summarizes records of plant pests found in, on, or with plants, plant products, baggage, cargo, mail, and means of conveyance (1) imported into or entering the United States or its possessions, (2) offered for entry but refused, (3) in quarters and stores of planes and ships, (4) offered for entry for immediate transportation and exportation in bond, (5) in domestic shipments to the mainland from the States of Alaska and Hawaii, the American Virgin Islands, the Commonwealth of Puerto Rico, Guam, and other offshore possessions, or (6) in preclearance inspection in the Bahamas and Bermuda.

The pests listed include insects, mites, snails, bacteria, fungi, nematodes, and viruses of known or potential plant quarantine significance to the United States. Some common organisms are included if they are new to the country of origin or the host plant or are of limited distribution in this country.

The data for this list include identifications received during the fiscal year 1962 and represent some interceptions made during previous years, since occasionally determinations are delayed because of heavy work loads or lack of specialists for certain types of organisms. Most identifications are made by specialists of the Entomology Research Division, the Plant Quarantine Division (both of the U.S. Department of Agriculture), and the U.S. National Museum, although collaborating State officials identify many pests intercepted in California. Snail identifications are made by taxonomists in the Division of Mollusks of the U.S. National Museum. Some critical studies and determinations are made by specialists of the Crops Research Division. Many host plants are identified by workers in the Department of Botany of the Smithsonian Institution.

Scientific names of insects and diseases are reviewed by specialists of the Plant Quarantine Division, who also assist in preparing the list. Nematode names are checked in Nematology Investigations and host names are reviewed in the New Crops Research Branch. Every effort is made to conform to the International Rules of Nomenclature.

However, in the disease tabulation the name of the stage found is often listed rather than the perfect stage. Family names are listed with the insects in the tabulation and orders are shown in the host list. Classes of the diseases are given in the disease host list.

Pests determined only to family are not usually recorded unless they are fruit flies, new species, or of some special significance. Snails not identified to species are not recorded.

NOTES ON PESTS INTERCEPTED

The total number of interceptions for the fiscal year 1962 was 33,033, as compared with 25,575 the previous year. This does not include certain common pests which are widespread in this country and are no longer recorded. Of the total, 10,921 were considered important enough to be reported in this list. This figure includes the incompletely determined pests which were significant.

Airborne Material

Interceptions of pests arriving by air totaled 10,005, of which 8,625 were insects or snails and 1,380 were diseases or nematodes. There were 311 interceptions of significant insects found as stowaways on airplanes. Among the important pests arriving by air were 27 interceptions of the European cherry fruit fly, 105 of the Mediterranean fruit fly, 7 of the Mexican fruit fly, 34 of the olive fruit fly, 15 of the oriental fruit fly, 29 of the pink bollworm, 119 of the West Indian fruit fly, 224 of the black spot of citrus, 112 of citrus canker, 78 of the sweet orange scab, and 35 of the golden nematode.

FRUIT FLIES

A total of 473 fruit fly interceptions were identified to species as follows:

Anastrepha ludens, the Mexican fruit fly, was intercepted 76 times; 75 were from Mexico and 1 from Guatemala. The hosts were grapefruit, lime, mango, pear, quince, sour orange, sweet orange, and white sapote.

Anastrepha mombinpraepotans, the West Indian fruit fly (145 times), in guava, mango, purple mombin, rose-apple, sweet orange, tropical almond, and yellow mombin from Barbados, British Honduras, Costa Rica, Curacao, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, and Venezuela.

Anastrepha serpentina (3 times) in mamey sapote and sapodilla in air baggage from El Salvador.

Anastrepha suspensa (3 times) in guava in air baggage from Jamaica and baggage from Puerto Rico.

Ceratitidis capitata, the Mediterranean fruit fly (140 times), in apple, Arabian coffee berry, Cattley guava, *Coffea* sp. berry, fig, grape, grapefruit, lemon, loquat, Mandarin orange, mountainash fruit, nectarine, peach, pear, pepper, persimmon, plum, pomegranate, pricklypear, quince, rosaceous fruit, sweet orange, and tropical almond. Countries of origin were Argentina, Azores, Brazil, Cyprus, Greece, Hawaii, Israel, Italy, Lebanon, Portugal, Spain, Turkey, United Arab Republic, and an unknown origin. *C. capitata*(?) (10 times) in Arabian coffee berry, *Coffea* sp. berry, grapefruit, kaki persimmon, pummelo, screwpine lei, and sweet orange from Argentina, Ethiopia, Hawaii, Italy, Peru(?), and Spain.

Ceratitidis colae (once) in *Coffea* sp. berry in airmail from Ethiopia.

Dacus dorsalis, the oriental fruit fly (20 times), in banana, breadfruit, guava, mango, orange-jasmine fruit, papaya, and tropical almond from Guam, Hawaii, and the Philippines. *D. dorsalis*(?) (3 times) in guava, Malay-apple, and tropical almond from Hawaii and an unknown origin.

Dacus oleae, the olive fruit fly (43 times), in olive in air baggage and baggage from Cyprus, Italy, Lebanon, Spain, and Syria.

Rhagoletis cerasi, the European cherry fruit fly (28 times), in cherry in air baggage, air stores, and stores from Czechoslovakia, France, Germany, Italy, Spain, and an unknown origin.

Toxotrypana curvicauda (once) in papaya in aircargo from Puerto Rico.

INSECTS OTHER THAN FRUIT FLIES

The following insect interceptions are of particular significance:

Acrolepia assectella (Hyponomeutidae) in leek in stores from Denmark, France, Italy, Netherlands, Norway, and Spain; with miscellaneous stores from France; and in onion in air baggage from France.

Adoretus sinicus (Scarabaeidae) as stowaway on airplane, on copperleaf plant, baggage, flowers, mango, and orchid in air baggage from Hawaii.

Adoxophyes reticulana (= *A. orana*) (Tortricidae) on cut lilac in aircargo from the Netherlands.

Aleurocanthus woglumi (Aleyrodidae), the citrus blackfly (10 times), on *Citrus* sp. leaf in air baggage from Ecuador and baggage and cargo from Mexico, on lime leaf in baggage and cargo from Mexico, and on sweet orange leaf in baggage from Mexico.

Aleurotrachelus camelliae (Aleyrodidae) on camellia leaf in airmail from Japan.

Ancylostomia stercorea (Phycitidae) in bean, on bromeliad leaf, in chickpea, pea, and pigeonpea. Countries of origin were the Canal Zone, Dominican Republic, Ecuador, El Salvador, Haiti, Jamaica, Mexico, Panama, St. Kitts, St. Martin, and Tortola.

Arge similis (Argidae) on *Rhododendron* sp. cutting and torch azalea plant in airmail from Japan.

Argyresthia conjugella (Hyponomeutidae) in apple in air baggage from Norway and the Union of Soviet Socialist Republics and in mountainash berry in air baggage from England, Norway, and Scotland.

Aspidiotus destructor (Coccidae) on arrowroot leaf in airmail from Panama; on coconut in air baggage from the Bahamas, baggage from the American Virgin Islands, Costa Rica, Nicaragua, and Panama, quarters from the Cayman Islands, and stores from Costa Rica; on kentia palm leaf in stores from Japan; on plum in baggage from Mexico; and on tropical almond in baggage from Jamaica.

Austrotortrix postvittana (Tortricidae) in airplane from New Zealand.

Blastodacna atra (Cosmopterigidae) in apple in air stores from an unknown origin and in baggage from Poland.

Brachycerus albidentatus (Curculionidae) in garlic in baggage from Italy.

Bruchus tristis (Bruchidae) in grass peavine seed in baggage from Italy and in lupine seed in air baggage from the Azores.

Cacocimorpha pronubana (Tortricidae) on cut carnation in airmail from an unknown origin, on miscellaneous plant material in aircargo from France. and on pomegranate in air baggage and baggage from Italy.

Carposina niponensis (Carposinidae) in apple in air stores, quarters, and stores and in pear in air baggage from Japan.

Ceroplastes rubens (Coccidae) on cibotium fern in mail from Hawaii, on maile alyxia leaf in baggage from Hawaii, and on polypody fern in air baggage from Tahiti.

Chilo suppressalis (Crambidae), the Asiatic rice borer (18 times), with aircargo from Japan and in rice straw in air baggage from Japan and Spain, baggage from the Philippines, Spain, and an unknown origin, and in cargo, mail, and stores from Japan.

Cladius pectinicornis (Tenthredinidae) on cut roses in air baggage from Denmark, England, and Germany and air stores from the Netherlands; on rose cutting in air baggage from England; and in soil with holly plant in baggage from Switzerland.

Coccus viridis (Coccidae) (151 times) on *Alpinia purpurata*, alstonia leaf, Arabian coffee berry, Brazil peppertree, *Citrus* sp. leaf, frangipani, gardenia, ixora, limeberry leaf, and tuberose from Fiji, Hawaii, New Guinea, and Tahiti.

Conotrachelus aguacatae (Curculionidae) (11 times) in avocado in baggage from Mexico.

Coptotermes testaceus (Rhinotermitidae) in jacaranda log in cargo from Brazil.

Cryptoblabes gnidiella (Phycitidae) in grape in air baggage from Italy; in pomegranate in air baggage from France, Israel, and Italy and baggage from Greece and Italy; and in sweet orange in aircargo from Italy, air stores from Spain and an unknown origin, and stores from Spain.

Cryptophlebia leucotreta (Olethreutidae) in Arabian coffee in mail from Ethiopia and in sweet orange in stores from the Republic of South Africa.

Curculio elephas (Curculionidae) (121 times) in chestnut in air baggage, baggage, cargo, and mail from Greece, Italy, Portugal, Spain, and Yugoslavia; in cork oak seed in mail from Spain; and in oak seed in air baggage from Italy.

Cylas formicarius elegantulus (Curculionidae) in sweetpotato in air baggage from Cuba, Dominican Republic, and Haiti(?), baggage from Antigua, cargo from the Dominican Republic, quarters from Trinidad, and stores from Cuba, Dominican Republic, and Venezuela.

Cylas puncticollis in sweetpotato in cargo from Sierra Leone.

Dialeurodes kirkaldyi (Aleyrodidae) on Arabian jasmine leaf in air baggage, baggage, and mail from Hawaii; on gardenia leaf in air baggage from Tahiti; and on jasmine leaf in baggage from the Philippines.

Diatraea magnifactella (Crambidae) in sugarcane node in baggage from Mexico.

Dichrocercis punctiferalis (Pyraustidae) on pine tree in baggage from Japan.

Epinotia aporema (Olethreutidae) in string bean in baggage and stores from Mexico.

Euscepes postfasciatus (Curculionidae) in sweetpotato in air baggage from Puerto Rico, baggage from Hawaii, and stores from Brazil, Peru, and Trinidad.

Evergestis forficalis (Pyraustidae) in cabbage in stores from France, Germany, and Italy.

Frankliniella formosae (Thripidae) (53 times) on carnation, chrysanthemum, cyclamen, fairybells, flowers, gardenia, lychee, rice, roses, and screwpine. Countries of origin were American Samoa, Formosa, Hong Kong, Japan, Okinawa, Philippines, and an unknown origin.

Frankliniella intonsa (Thripidae) (15 times) on carnation, flowers, gladiolus, nursery stock, roses, and in soil with primrose plant from England, France, Germany, Iceland, Israel, Netherlands, and unknown origin, and Yugoslavia.

Gnorimoschema ocellatella (Gelechiidae) in beet in stores from the United Arab Republic, with stores by air from Italy, and in Swiss chard in stores from Italy.

Grapholitha funebrana (Olethreutidae) in plum in air baggage from Czechoslovakia and Poland.

Grapholitha janthiana (Olethreutidae) in apple in air baggage from Hungary.

Gymnandrosoma aurantianum (Olethreutidae) in sweet orange in air stores from an unknown origin and stores from Colombia.

Harmolita ips (Eurytomidae) in straw packing in cargo from France.

Lampides boeticus (Lycaenidae) in agati sesbania in air baggage and in mauna loa lei in air baggage, baggage, and quarters from Hawaii; and in pea in stores from Japan.

Laspeyresia araucaria (Olethreutidae) in *Araucaria* sp. seed in airmail and in Norfolk-Island-pine seed in air baggage and aircargo from Brazil and in parana araucaria seed in aircargo from Argentina.

Leucinodes orbonalis (Pyraustidae) in eggplant in stores from West Africa.

Leucoptera scitella (Lyonetiidae) with apple in air stores from England and stores from Italy.

Lixus junci (Curculionidae) in beet in stores from the United Arab Republic.

Lobesia botrana (Olethreutidae) in grape in air baggage from England, Italy, and Lebanon.

Mamestra brassicae (Noctuidae) on cabbage in stores from France, Italy, and the Netherlands; on cauliflower in stores from France and Italy; on Chinese cabbage in stores from Japan; on lettuce in stores from Germany; and on Swiss chard in stores from Italy.

Maruca testulalis (Pyraustidae) in hyacinth bean in air baggage from Trinidad; in mauna loa flowers in air baggage and baggage from Hawaii; in *Phaseolus* sp. in stores from Angola; in pigeonpea in air baggage from the Dominican Republic and Grenada and in aircargo, airmail, and cargo from Puerto Rico; in sesbania in air baggage and baggage from Hawaii; in string bean in air baggage and cargo from Puerto Rico and stores from Brazil, Japan, Puerto Rico, and Surinam; and in *Strongylodon macrobotrys* in air baggage from the Philippines.

Matsumuraeses phaseoli (Olethreutidae) in string bean in stores from Japan.

Melolontha melolontha (Scarabaeidae) (5 times) as stowaway on airplane from France and Switzerland.

Neoleucinodes elegantalis (Pyraustidae) in eggplant in air baggage from Brazil, naranjilla in air baggage from Colombia, and in tomato in cargo from Mexico.

Oulema melanopa (Chrysomelidae) with cabbage in stores from Italy.

Parlatoria zizyphus (Coccidae) (55 times) on *Citrus* sp. leaf, grapefruit, lemon,

lime, Mandarin orange, pummelo, and sweet orange. Countries of origin were Algeria, British Guiana, China, Formosa, France, Guam, Hawaii, Hong Kong, Iran, Italy, Japan, Okinawa, Philippines, Republic of the Congo, Thailand, Tunisia, and an unknown origin.

Pectinophora gossypiella (Gelechiidae), the pink bollworm (59 times), in bale of cotton in aircargo from Puerto Rico; in cotton boll in air baggage from Antigua, Bermuda, Cayman Islands, Cuba, Hawaii, and Turkey, baggage and quarters from Mexico, and mail from Hawaii; in cotton lint in quarters from Mexico; in cottonseed in aircargo and mail from India, baggage and quarters from Mexico, and cargo from Pakistan and Thailand; in okra pod in air baggage from Barbados, Dominican Republic, and Haiti, aircargo from Jamaica, and stores from the Dominican Republic; in seed cotton in aircargo from Pakistan and cargo and quarters from Mexico; in seed of Sea Island cotton in air baggage from Hawaii; and in seed of Upland cotton in quarters from Mexico.

Petrova cristata (Olethreutidae) in Japanese black pine cone in stores from Japan.

Pieris brassicae (Pieridae) (14 times) in cabbage in stores from the Azores, Belgium, and Italy; in cauliflower in stores from Germany and Italy; and with military cargo from Italy.

Prays oleellus (Hyponomeutidae) in olive in air baggage from Italy, Lebanon, and Syria and aircargo from Italy.

Prodenia litura (Noctuidae) in airplane from the West Pacific, on flowers in air quarters from Formosa, on gladiolus in air baggage from Japan, and in pepper in stores from Israel.

Rhynchaenus populi (Curculionidae) on cut lilac in aircargo from the Netherlands.

Sesamia cretica (Noctuidae), the durra stem borer (8 times), in broomcorn in air baggage from France and Greece, baggage from Italy, and cargo from Greece and Italy.

Stenoma catenifer (Stenomidae) (35 times) in avocado in air baggage from British Honduras, Colombia, Costa Rica, Ecuador, El Salvador, Nicaragua, Panama, and Venezuela, aircargo from Mexico and Panama, baggage from Honduras, Mexico, and Panama, quarters from Ecuador, and stores from Colombia, Ecuador, and Panama.

Taeniothrips gracilis (Thripidae) (18 times) on autumn lycoris, shorttube lycoris, and *Lycoris* sp. bulbs in cargo from Japan; on polyanthus narcissus in air baggage from Hong Kong; and on snapdragon in air baggage from Japan.

Tetranychus viennensis (Tetranychidae) on apple in air baggage from Poland.

Thrips major (Thripidae) on carnation in aircargo from Italy; on China aster in air baggage from the Netherlands; on mixed flowers in air baggage from England and air quarters from England, Turkey, and an unknown origin; on nursery stock in cargo from the Netherlands; and on roses in air baggage from Denmark, England, and Poland.

Trogoderma granarium (Dermestidae), the khapra beetle (249 times), with bagging (including new and used burlap and wrappers on various cargo shipments and stores), in bean, in cargo hold of ship, in cinnamon quills, corn seed (in mail), cumint seed, debris, grain residue, guar gum, gum arabic, gum ghatti, karaya gum, mangrove bark, myrobalan, pea, peanut, pigeonpea, rice, soybean, turmeric, various dry stores, and wheat flour and straw. Countries of origin were Belgium, Ceylon, China, England, Formosa, France, Greece, Hong Kong, India, Indonesia, Iran, Italy, Korea, Kuwait, Mexico, Netherlands, Pakistan, Senegal, Sierra Leone, Singapore, Sudan, Tanganyika, Thailand, United Arab Republic, an unknown origin, and West Africa.

Udea ferrugalis (Pyraustidae) on cabbage in stores from Portugal, on cauliflower in stores from England, on celery in stores from France, on geranium leaf in air baggage from Portugal, and on zucchini squash in stores from Italy.

Unaspis yanonensis (Coccidae), the yanone scale (356 times), on calamondin orange, *Citrus* sp., grapefruit, ichandarin, lemon, lime, King orange, Mandarin orange, pummelo, sour orange, sweet orange, and tangelo. Countries of origin were Australia, Hong Kong, Japan, Philippines, and an unknown origin.

Zeadiatraea lineolata (Crambidae) in corn in air baggage from Guatemala and air stores from the Bahamas.

SNAILS

The following snail interceptions are of special interest:

Achatina fulica (10 times) in air baggage from Hawaii and with military cargo from Okinawa.

Archachatina marginata in aircargo from Spain.

Arianta arbustorum in soil with rose plant in mail from Germany and on strawberry plant in aircargo from the Netherlands.

Bradybaena similis (7 times) on *Anthurium* sp. flower, fern asparagus, and ginger root in mail from Hawaii; and with snapdragon flower and unidentified plant in air baggage from Bermuda.

Cochlicella barbara (26 times) on common four-o'clock seed in cargo from France; on military cargo from Italy, Libya, Morocco, and Spain; and in soil in baggage from Italy.

Cochlicella conoidea on military cargo from Spain.

Cochlicella ventrosa (16 times) on broccoli seed in baggage from Italy; on cedar block in stores from Bermuda; on military cargo from the Azores, Italy, Morocco, Spain, and Turkey; and in soil with unidentified plant in air baggage from Bermuda.

Fourteen species of *Helicella* were intercepted a total of 75 times on automobile, baggage, general cargo, military cargo, soil, and various plant material from the Azores, Cuba, England, France, Greece, Italy, Spain, Turkey, and an unknown origin.

Monacha cantiana with unidentified plants in cargo from Germany.

Monacha carthusiana on sainfoin seed in baggage from Italy.

Monacha olivieri with military cargo from Turkey.

Rumina decollata on palm seed in baggage from Mexico and in soil with unidentified plant in air baggage from Bermuda and baggage from Mexico.

Sculptaria reticulata on *Myrothamnus flabellifolia* plant in aircargo from the Republic of the Congo.

Subulina octona (15 times) on military cargo from Libya; on orchid plant in air baggage from British Honduras, aircargo from British Honduras, Colombia, and Jamaica, baggage from Jamaica, and cargo from Mexico; in soil with coleus plant in air baggage from Honduras; in soil with croton plant in air baggage from Jamaica; in soil with *Dieffenbachia* sp. plant in baggage from Puerto Rico; and in soil with unidentified plant in baggage from Mexico.

Theba pisana, the Mediterranean land snail (82 times), on automobile, in air baggage, on general cargo and military cargo; on cipollino, flowers, herb, mollusk, rose, rosemary, and various plant material in air baggage, aircargo, and cargo; and on cabbage, cauliflower, lettuce, miscellaneous stores, parsley, and potato in stores. Countries of origin were the Azores, Cuba, France, Israel, Italy, Libya, Morocco, Spain, and an unknown origin.

Theba planata on military cargo from Spain.

Veronicella moreleti on banana in cargo from Honduras and on *Chamaedorea* sp. palm leaf in aircargo from Mexico.

Other snails of potential economic importance were: *Bulimulus fraterculus*, *B. hepatostomus*, *B. unicolor*, *Capillifera plebeia*, *Ceciloides acicula*, *C. aperta*, *Cepaea nemoralis*, *Helicina neritella*, *H. substriata*, *H. zephyrina*, *Helix aspersa*, *H. cincta*, *H. leucorum*, *H. pomatia*, *Lamellaxis gracilis*, *Limax marginatus*, *Neocyclotus dysoni* *cocket*, *Otala lactea*, *O. vermiculata*, and *Orychilus alliarius*.

DISEASES

Elsinoe australis, the sweet orange scab, was intercepted 213 times; 129 from Brazil, 64 from Argentina, 13 from an unknown origin, 4 from Paraguay, and 3 from Uruguay. The hosts were *Citrus reticulata* hybrid, grapefruit, lemon, lime, Mandarin orange, sweet orange, and tanger.

Guignardia (Phoma) citricarpa, the black spot of citrus, was intercepted 464 times; 95 from Japan, 91 from Hong Kong, 83 from the Republic of South Africa, 63 from Australia, 44 from an unknown origin, 36 from China, 18 from Formosa, 7 from Asia (country(?)), 5 each from Brazil and the Philippines, 4 from Tahiti(?), 3 from Okinawa, 2 each from Argentina and Korea, and 1 each from the Federation of Malaya, Macao, Mozambique, Singapore, Thailand, and Vietnam. The hosts were *Citrus* sp., *Fortunella* sp.(?), grapefruit, lemon, lime, Mandarin orange, pummelo, sour orange, sweet orange, and tangelo.

Xanthomonas citri, citrus canker, was intercepted 271 times; 217 from Japan, 20 from Hong Kong, 10 from India, 9 from an unknown origin, 5 from China, 4 from Thailand, 2 from Formosa, and 1 each from Afghanistan, the Federation of Malaya, Guam, and Indonesia. The hosts were *Citrus aurantium* X *C. reticulata*, *Citrus* sp., grapefruit, ichandarin, lemon, lime, Mandarin orange, pummelo, sour orange, sweet orange, tangelo, tanger, and "yuzu."

Xanthomonas sp. (Cancrosis B) was intercepted 17 times; 10 from Argentina, 5 from an unknown origin, and 1 each from Brazil and Uruguay. The hosts were lemon, Mandarin orange, and sweet orange.

Other pathogens of special interest are:

Ascochyta armoraciae on horseradish tops in stores from Germany. Not reported from the United States as far as is known.

Coniothyrium trabutii on geranium leaf in baggage from Mexico. No reports from there as far as known.

Diaporthe camelliae on camellia twig in airmail from New Zealand.

Didymascella thujina on leaf of arborvitae plant in baggage from Canada.

Elsinoe piri (*Sphaceloma* stage) on apple in stores from Spain.

Gymnosporangium cornutum on European mountain ash leaf in air baggage from Finland and baggage from Norway.

Gymnosporangium haraeaeum on pyramid Chinese juniper in air baggage and cargo from Japan.

Macrophoma dalmatica on olives in air baggage from Lebanon.

Phomopsis cedrelae on cigarbox cedrela seed and pod in aircargo from Dominica.

Phyllosticta bromeliae on bromeliad in baggage from Mexico.

Puccinia abyssinica on *Jasminum abyssinicum* leaf in mail from Ethiopia.

Puccinia iridis on iris leaf in air baggage from Bermuda and aircargo from Haiti.

Pythium intermedium, *P. mamillatum*, *P. salpingophorum*, and *P. ultimum* on roots of trees in aircargo from the Union of Soviet Socialist Republics.

Rhytisma ilicis-latifoliae (*Melasmia* stage) on *Ilex integra* leaf in airmail from Japan.

Septoria minimum on anthurium leaf in airmail from France and mail from the Netherlands.

Sphaceloma fawcettii var. *scabiosa* (10 times) on lemon in air stores, quarters, and stores from Australia.

Sphaceloma puniceae on pomegranate in air baggage from the Dominican Republic. New locality for this fungus.

Sphaceloma rosarum on rose leaf in air baggage from England and Germany.

Sphaceloma spondiadis(?) on vi-apple in baggage from Puerto Rico.

Sphaerophragmium acaciae on Lebbek albizzia leaf in baggage from the Bahamas.

Thecaphora solani on *Solanum stoloniferum* tuber in baggage from Mexico.

Uredo nidularii on bromeliad leaf in air baggage from Colombia and aircargo from Costa Rica; and on tillandsia leaf in aircargo from Mexico and Panama.

Uromyces fabae on lentil in airmail and mail from Chile.

CORRECTION: The 1960 list showed *Pucciniastrum arcticum* Tranz. on *Rubus chamaemorus* from Norway. This has now been identified as *Melampsoridium betulinum* (Fr.) Kleb. on *Betula odorata*.

NEMATODES

Aphelenchoides fragariae in bletilla orchid in cargo from Japan.

Aphelenchoides subtenuis in narcissus in cargo from Italy.

Criconeuma cecetum in soil with anthurium plants in baggage from Mexico.

Criconemoides curvatum in soil with begonia in baggage from Argentina and in soil with unidentified plant in baggage from Mexico.

Criconemoides mutabile in soil with carpetgrass, philodendron, pine seedling, and treebine in baggage from Mexico.

Criconemoides peruense in soil with begonia in baggage from Mexico.

Ditylenchus destructor in autumn-crocus and Blushing Bride dwarf gladiolus in cargo from the Netherlands.

Ditylenchus dipsaci in garlic in cargo from Mexico; and in narcissus bulb in mail and onion sets in baggage from England.

Helicotylenchus buzophilus in soil with euonymus plant in baggage from Mexico.

Helicotylenchus dihystra in Indianrubber fig plant in baggage from Brazil; in soil with begonia plant in air baggage from the Azores and baggage from Argentina; in soil with azalea, balsam, caladium, citrus, common rue, and euphorbia plants, lily bulb, peach tree, portulaca, sansevieria, spiderwort, and succulent plants in baggage from Mexico; and in soil with unidentified plant in air baggage from England.

Helicotylenchus nannus in *Aglaoonema* sp. root in aircargo, in soil with begonia, fern, hydrangea, and mint plants in baggage, and in soil with chestnut dioon

plants in cargo from Mexico; and in soil with common swordfern and Sprenger asparagus in baggage from Italy.

Heterodera avenae, the oat nematode (13 times), in soil sample in air baggage from Germany and in soil with the following: Automobiles in cargo from England and Germany, cactus plant in air baggage from Germany, dasheen in cargo from the Azores, garlic in cargo from Italy, larch tree and polypody fern in baggage from Austria, military cargo by air from England and France, peach tree in baggage from Italy, and potato in stores from the Canary Islands.

Heterodera cacti (75 times) in soil sample and in soil with amaryllis bulb, begonia, bougainvillea, cactus, covers on cotton bales, dahlia roots, euphorbia, garlic, geranium, Indiarubber fig plant, lily bulb, potato, portulaca, pricklypear, railway car, spiderwort, and tractor from the following countries: Austria, Belgium, Costa Rica, England, France, Germany, Italy, Mexico, Peru, and Sweden.

Heterodera humuli in soil with hops in aircargo from Germany.

Heterodera punctata (47 times) in soil sample, soil with army tanks, automobiles, celery, dasheen, lily bulb, military cargo, mudbird nest, potato, semi-trailer, and the following plants: Banana, begonia, cactus, geranium, Indiarubber fig, lavender, lily, philodendron, primrose, sequoia, shamrock, stonecrop, unidentified, and violet. Countries of origin were Argentina, Belgium, England, Germany, Ireland, Italy, Mexico, Morocco, Netherlands, Norway, Portugal, Sweden, an unknown origin, and Wales.

Heterodera rostochiensis, the golden nematode (83 times), in soil sample and in soil with the following: African-violet, aroid plant, automobiles, beet, cactus, celery, coleus, conifer plant, dahlia roots, geranium cutting and plant, gladiolus corm, heather plant, horseradish, ivy plant, lavender plant, lilac plant, lily-of-the-valley pips, onion sets, Jerusalem cherry plant, oxalis, potato, primrose, *Ribes* sp., shamrock, soapberry plant, *Solanum andigena*, spearmint, Sprenger asparagus, stonecrop, strawberry plant, tree fern log, tuberose, turnip, unidentified bulb and plant, and violet plant. Countries of origin were Denmark, England, France, Germany, Ireland, Mexico, Netherlands, Peru, Poland, Scotland, Sweden, and an unknown origin.

Hoplolaimus uniformis in soil with celeriac in stores from the Netherlands.

The rootknot nematodes, *Meloidogyne arenaria*, *M. arenaria arenaria*, *M. arenaria thamesi*, *M. hapla*, *M. incognita*, *M. incognita acrita*, *M. incognita incognita* (first interception), *M. javanica*, and *M. javanica javanica* (first interception) were intercepted a total of 156 times from Argentina, Azores, Brazil, Canal Zone, Chile, Costa Rica, Cuba, Dominican Republic, Ecuador, England, France, Germany, Guatemala, India, Italy, Jamaica, Japan, Mexico, Morocco, Netherlands, Panama, Peru, Portugal, Republic of South Africa, Sierra Leone, Spain, Switzerland, Tahiti, Trinidad, and West Africa. The hosts were roots of various flowers, ornamental plants, and vegetables.

Pratylenchus coffeae in dahlia roots in mail from Australia, in soil with common rue in baggage from Mexico, and in yam in air baggage from Jamaica.

Pratylenchus penetrans in clematis and toadlily roots in aircargo and in goldenray roots in cargo from the Netherlands.

Pratylenchus scribneri in apple root stock in cargo from Canada.

Radopholus similis in flamingo anthurium and in ginger plant in mail from Hawaii.

Rotylenchus robustus in soil with celeriac in stores from the Netherlands and in soil with unidentified plants in air baggage from the Azores and Germany.

Scutellonema brachyurum in amaryllis bulb and crassula plant in baggage from Mexico; Indiarubber fig plant in baggage from Brazil; in soil with kalanchoe in air baggage from Guatemala; and in soil with common rue, philodendron, and unidentified bulbs and plants in baggage from Mexico.

Scutellonema bradys in yam root in air baggage from Cuba.

Tylenchorhynchus acti in soil with cactus plant in baggage from Mexico.

Tylenchorhynchus capitatus in soil with begonia, lemongrass, and spiderwort plants in baggage from Mexico.

Tylenchorhynchus claytoni in soil with common swordfern and Sprenger asparagus in baggage from Italy.

INCOMPLETELY DETERMINED PESTS

It is not always possible to complete a determination as to species, due to the stage or condition of the insect or pathogen when inter-

cepted or the fact that it may be undescribed. Many of these pests are of potential economic importance, unreported from the country of origin or the United States, or new to the host plant. Some of the significant ones are included in this writeup, but not in the tabulation except in the summary. This year there were 3,223 insects, 357 diseases, and 936 nematodes, or a total of 4,516 incompletely determined interceptions considered important enough to record.

INCOMPLETELY DETERMINED FRUIT FLIES

There were 186 incompletely determined fruit fly interceptions as follows:

Anastrepha sp., possibly *ludens* (7 times) in apple, lime, mango, sapote, and sweet orange in baggage, and in grapefruit in stores from Mexico.

Anastrepha sp., possibly *mombinpraeoptans* (27 times), in grapefruit in stores from Costa Rica; in guava in air baggage from Guatemala, baggage from Mexico, and cargo from Tortola; in mango in air baggage from the Bahamas, Colombia, Dominican Republic, El Salvador, Guatemala, Honduras, Jamaica, and Nicaragua, in airmail from Jamaica, baggage from Mexico and Panama, and in cargo and stores from the Dominican Republic; in purple mombin in air baggage from Guatemala and Panama; and in *Spondias* sp. in air baggage from Nicaragua.

Anastrepha sp., possibly *serpentina* (twice), in cainito star-apple in air baggage from El Salvador and in mamey sapote in baggage from Mexico.

Anastrepha sp., possibly *striata* (13 times), in guava in air baggage from Costa Rica and El Salvador and in baggage and mail from Mexico.

Anastrepha sp., possibly *suspensa* (13 times), in guava in air baggage from the Dominican Republic and Puerto Rico and in airmail and baggage from Puerto Rico.

Anastrepha sp. (89 times) in *Annona* sp., apple, Arabian coffee berry, cherimoya, giant granadilla, grapefruit, guava, ilama, loquat, Mandarin orange, mango, peach, pear, pummelo, purple mombin, rose-apple, sapodilla, sapote, sour lime, *Spondias* sp., star-apple, sweet orange, tropical almond, and yellow mombin. Countries of origin were: Argentina, Brazil, Colombia, Costa Rica, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Jamaica, Mexico, Nicaragua, Panama, Peru, Puerto Rico, Tortola, Trinidad, an unknown origin, and Venezuela.

Dacus sp., prob. *dorsalis* (once), in mango in air baggage from Hawaii.

Dacus sp. (twice) in pepper in mail from Thailand and in sapodilla in air stores from Guam. *Dacus* sp. (?) (3 times) in avocado in air baggage from Tahiti, grapefruit in stores from the Republic of South Africa, and sapodilla in air stores from the Philippines.

Euleia sp., probably *heraclei* (L.) (once), in parsley in stores from Spain.

Paroxyna s. l. sp., possibly *Dioxyna sororcula* (Wied.) (twice), on *Osteospermum muricatum* and *O. thodei* seed in mail from the Republic of South Africa.

Rhagoletis sp., probably *alternata* (Fall.) (once), in rose hips in air baggage from Italy.

Rhagoletis sp. (4 times) in apple and hawthorn fruit in baggage from Mexico. *Rhagoletis* sp. (?) (3 times) in peach and redhaw fruit in baggage from Mexico and in Tartarian honeysuckle seed in cargo from Italy.

Tephritidae (15 times) in carnation in air quarters from an unknown origin, in chayote in stores from the Dominican Republic, in chupa-chupa fruit in air baggage from Ecuador, dwarf banana in air baggage from Hawaii, with flower pot in baggage from Mexico, in galangal flower in air quarters from an unknown origin, in giantreed node in baggage from Italy, in grapefruit in stores from the Republic of South Africa, in lychee nut and mango in air baggage from Vietnam(?), in peach in air baggage from Venezuela, in pear in air baggage from England, in sphagnum moss with ginseng root in air baggage from Korea, and in Turkterebinth pistache in air baggage from Greece. Tephritidae(?) (once) in pomegranate in air baggage from Argentina.

Trupanea sp. (once) adults with marigolds in air quarters from Mexico. *Trupanea* sp. (?) (once) in flowering head of encelia in baggage from Mexico.

INSECTS OTHER THAN FRUIT FLIES

The following incompletely determined insects, other than fruit flies, are of special interest:

Aleyrodidae, Aleurodicinae, new genus near *Aleurodicus*, n. sp., on *Epidendrum* spp. leaf in aircargo from Honduras and cargo from Mexico; on *Laelia anceps* leaf in cargo from Mexico; on *Odontoglossum grande* leaf in air baggage from Guatemala; on *Oncidium* spp. leaf in aircargo and cargo from Mexico; and on orchid leaf in air baggage from Guatemala and Honduras, aircargo from the Canal Zone, Guatemala, Honduras, and Mexico, airmail from the Canal Zone, and baggage and cargo from Mexico.

Alsophila sp. (Geometridae) on *Prunus* sp. branch in air baggage from Japan.

Anaulacomera sp. (Tettigoniidae), a distinctive species useful to the U.S. National Museum Collection, on orchid in aircargo from Peru.

Aphidae, Panaphini, genus and species undescribed, on pine twig in air baggage from Italy. No description found of a species on pine resembling this.

Blastodacna sp., near or *atra* (Cosmopterygidae), on apple in air stores from an unknown origin, probably Spain.

Brachyrhinus sp. (Curculionidae) on Siebold stonecrop roots in baggage from Switzerland, in soil with herbs in baggage from Italy, and in soil with larch in baggage from Austria.

Ceutorhynchus sp., probably *pleurostigma* (Curculionidae), in rutabaga root in cargo from Germany and in turnip root in stores from Belgium, England, and France.

Cnephasia sp. (Tortricidae) on gentian bloom in mail from Switzerland, on lettuce in stores from France, on parsley in stores from Japan, and on strawberry plant in aircargo from France.

Ctenicera sp. (Elateridae) in soil with unidentified plant in air baggage from Poland.

Diaprepes sp., probably *abbreviatus* (L.) (Curculionidae), in yam in cargo from Puerto Rico.

Epicaerus sp., possibly *cognatus* Sharp (Curculionidae), in potato in baggage and stores from Mexico.

"*Eulia*" sp. (Tortricidae) in pear in aircargo from Ecuador.

Euzophora sp., near or *bigella* Zell. (Phycitidae), in quince in baggage from Greece.

Gnorimoschema sp., near or *borsaniella* (Gelechiidae), in pepper in air baggage from Peru and stores from Argentina.

Grapholitha sp., probably *funebrana* (Olethreutidae), in plum in air baggage from Czechoslovakia and Italy and air stores from France.

Gymnandrosoma sp., near or *aurantianum* (Olethreutidae), in guava in air baggage from Colombia and in cacao pod in baggage from Bermuda and Trinidad.

Harmolita sp. (Eurytomidae) on esparto needlegrass and unidentified straw in cargo from Italy.

Heilipus sp., probably *lauri* Boh. (Curculionidae), in avocado seed in air baggage from Costa Rica.

Heliothis sp., probably *armigera* (Noctuidae), on carnation flower in aircargo from France and Spain, on gladiolus flower in air quarters from France, and on strawflower in air baggage and airmail from the Philippines.

Homothrips sp., probably *distinctus* (Thripidae), on protea flower in aircargo from the Republic of South Africa.

Hoplandrothrips, undescribed species (Phlaeothripidae), on *Davallia mariesii* fern rhizome in cargo from Japan.

Hyperodes sp. (Curculionidae) in carrot in stores from Argentina. *Hyperodes* sp., or near, on burhead plant in aircargo from Peru.

Ips sp., apparently a species not established in the United States (Scolytidae), in pine bark of crate and in unidentified wood of crate in cargo from Italy.

Leucoptera sp., probably *lustratella* H.-S. (Lyonetiidae), with apple in stores from Italy.

Lixus sp., possibly *junci* (Curculionidae), in beet root in stores from the United Arab Republic.

Lygaeidae, genus and species not in the U.S. National Museum, in airplane from an unknown origin; in cape-marigold seed in airmail from the Republic of South Africa; on *Dianthus* sp. flower in air baggage from Mexico; on garden asparagus in aircargo from New Zealand; on mixed cut flowers in air baggage from the Republic of South Africa; in okra seed in mail from Nigeria; on orchid in aircargo from

Brazil, Honduras, and India and airmail from the Canal Zone; and in soil with European grape plant in mail from Italy.

Melanotus sp. (Elateridae) on orchid plant in airmail from Antigua; and on rosemary plant and in soil with amaryllis bulb in air baggage from Italy.

Odontalegyodes sp., apparently undescribed (Aleyrodidae), on *Argostemma* sp. leaf in aircargo from Indonesia.

Olethreutidae, probably *Cryptophlebia* sp., in grapefruit in stores from the Republic of South Africa, in mango seed in air stores from Thailand, and in sweet orange in air baggage from Guinea.

Pantomorus sp. (Curculionidae) on lemongrass in baggage from Mexico and in soil with Indiarubber fig plant in baggage from Brazil.

Phycitidae, presumably *Myelois* group but does not match any material in the U.S. National Museum, in Ivorycoast cherry-orange in airmail from the Republic of the Congo.

Phyllocoptes n. sp. (Eriophyidae), an interesting form, on soursop fruit in air baggage from Costa Rica. *Phyllocoptes* sp., apparently n. sp., not assignable to any known apple Eriophyid, on apple in air stores from Honduras.

Phyllotreta sp., possibly *undulata* Kutsch. (Chrysomelidae), on cabbage in stores from England.

Phytomyza sp., probably *rufipes* (Agromyzidae), on cauliflower in stores from France and the Netherlands and on radish in air stores from an unknown origin.

Prays sp., near *endocarpa* Meyr. (Hyponomeutidae), in grapefruit in air baggage and Mandarin orange in air stores from the Philippines.

Premnotrypes sp. (Curculionidae) (34 times) in potato in air baggage from Colombia, Ecuador, and Peru, in air stores from Chile, in baggage from Peru, and in stores from Colombia, Ecuador, and Peru.

Pseudonidia sp., not placed as anything described (Coccidae), on orchid plant in aircargo from India.

Rhynchites sp. (Curculionidae) in cherry in air baggage from Italy and on *Prunus* sp. plant in airmail from Iran.

Sternochetus sp., probably *mangiferae* (Curculionidae), in mango in air baggage from the Philippines and quarters from Hawaii.

Tenuipalpus n. sp. (Tenuipalpidae) on *Plumeria* sp.(?) in mail from Mexico.

Xyleborus sp., near *testaceus* Walk. (Scolytidae), in raintree saman log in cargo from Fiji.

INCOMPLETELY DETERMINED DISEASES

Of the 357 incompletely determined diseases which were recorded, the following are of special interest:

Cercospora sp. on sweet basil leaf and pricklypear stem in baggage from Mexico.

Cryptosphaeria sp. on *Dendrobium* sp. stem in aircargo from India.

Cytospora sp., probably *sydowiana* (Syd.) Camara, on camellia twig in airmail from New Zealand.

Cytospora sp. on astilbe flower stalk in cargo from the Netherlands. None reported on this host as far as known.

Dothiorella sp. on *Araucaria cookii* seed in aircargo and *Howea forsteriana* seed in cargo from Australia.

Microstroma sp. on tomato in stores from Spain. *Microstroma* sp.(?) on loquat in air quarters from Italy.

Monochaetia sp. on sapodilla in baggage from Mexico. Not reported on this host as far as is known.

Mycosphaerella sp. on *Jatropha* sp. in baggage from Mexico and on tree peony stem in cargo and mail from Japan.

Pellicularia sp. on orchid plant in aircargo from Peru.

Pestalotia sp. on *Agave* sp. leaf in baggage from Mexico. There is no report on this host.

Phyllostictina sp. on tropic-American hymenocallis in mail from Hawaii.

Ravenelia sp., close to *pithecolobii* Arth., on guamachil apes-earring seed in baggage from Mexico.

Septoria sp., probably an undescribed species, on *Agave* sp. in baggage from Mexico.

Sphenospora sp., probably *kevorkianii*, on *Epidendrum* sp. leaf in aircargo from Honduras, on *Ionopsis* sp. leaf in air baggage from the Dominican Republic and in cargo from Mexico, on *Oncidium pusillum* leaf in aircargo from Peru, on *Oncidium* sp. leaf in aircargo from British Honduras and Peru, and on orchid leaf in aircargo from Honduras.

Sphenospora sp., probably *saphena*, on orchid leaf in air cargo from Guatemala.
Sphenospora sp. on *Ornithocephalus* sp. leaf in air baggage from Peru. Probably a new host.

Stomiopeltis sp., probably should be described as new, on vi-apple in air baggage from Panama and Trinidad. None reported on Anacardiaceae.

Trematosphaeria sp. on leaf of *Agave* sp. plant in baggage from Mexico. No report on this host as far as known.

Virus, either a new virus or a new strain of an old virus, on carnation leaf in cargo from Canada.

INCOMPLETELY DETERMINED NEMATODES

There were 936 nematode interceptions not completely determined as follows:

Acrobeloides sp. in apple root stock in cargo from Canada.

Aphelenchoides sp. in amaryllis bulb in baggage from Mexico; in carnation in air baggage from Germany; in dahlia root in cargo from Japan and mail from Australia; in orchid, portulaca, rose, and unidentified plants and in soil with cactus in baggage from Mexico; in soil sample in cargo from Mexico; and in soil with tuberose in cargo from Italy.

Aphelenchus sp. in apple root stock in cargo from Canada; in soil with army tank in cargo from Germany; in soil with automobile in cargo from the Republic of South Africa; in soil with unidentified bulb in baggage from Cuba; in soil with cactus, citrus, dahlia, *Eugenia* sp.(?), fig, lemongrass, and rose plants in baggage from Mexico; and in soil with grape cuttings in air baggage from Italy.

Criconema sp., undescribed, in soil with African-violet and unidentified plant in baggage from Mexico. *Criconema* sp. in soil with unidentified plant in baggage from Mexico.

Criconemoides sp., probably *zenoplax* Raski, in soil with lily bulb in baggage from Mexico.

Criconemoides sp. in chrysanthemum in airmail from Formosa; in rhubarb root in baggage from Canada; and in soil sample in baggage and cargo and in soil with avocado, Bermuda grass, cactus, citrus, croton, echeveria, fig, guava, lemongrass, onion, palm, spiderwort, and unidentified plants in baggage from Mexico.

Ditylenchus sp. in dahlia root in cargo from Japan and mail from Australia, in garlic in cargo from Italy, in soil with cactus and unidentified plant in baggage from Mexico, and in torchlily in air cargo from England.

Helicotylenchus sp., probably *dihystera*, in soil with begonia in cargo from Mexico.

Helicotylenchus sp. was intercepted 98 times; 82 from Mexico, 2 each from the Azores and Brazil, and 1 each from Alaska, Cuba, England, France, Germany, Hawaii, Ireland, Italy, Japan, Portugal, Republic of South Africa, and Turkey. The hosts were various flower plants and soil with army tanks, refrigerator car, and unidentified bulbs and plants.

Hemicycliophora sp. in soil with mango plant in baggage from Mexico.

Heterodera sp., probably *avenae*, in soil with beet in stores from the Netherlands and in soil with peach tree in air baggage from Germany.

Heterodera sp., probably *humuli*, in soil with hop roots in cargo from Canada.

Heterodera sp., probably *punctata*, in soil with automobile in cargo from an unknown origin, in soil with cuphea plant in baggage from Mexico, and in soil with holly and lavender plants in air baggage from England.

Heterodera sp., probably *rostochiensis*, in soil in air baggage from Germany, in soil with automobile in cargo from England, in soil with heather in air baggage from Scotland, and in soil and debris from vegetables in stores from the Netherlands.

Heterodera sp., probably *trifolii*, in soil with army tank in cargo from Germany.

Heterodera sp., *cacti* group (39 times), from Belgium, Canal Zone, England, France, Germany, Italy, Japan, Mexico, Poland, Portugal, Republic of South Africa, and Turkey. These were taken from a soil sample, soil with automobiles, and soil with cactus and various plants.

Heterodera sp., *goettingiana* group (207 times), cyst with cucurbit seed; in soil sample; in soil with automobile, military cargo, and tractor; in soil with carrot, celery, garlic, leek, onion, potato, rutabaga, and turnip in stores; and in soil with various bulbs and plants. Countries of origin were Argentina, Azores, Belgium, Brazil, Czechoslovakia, Denmark, England, France, Germany, Greece, Guatemala, Ireland, Israel, Italy, Japan, Lebanon, Mexico, Netherlands, Peru, Poland, Spain, Switzerland, United Arab Republic, an unknown origin, and Yugoslavia.

Heterodera sp., *rostochiensis* group, in soil with celery in stores from England, soil with orchid in baggage from Guatemala, soil with shamrock in airmail from

Ireland, and soil with jasmine, succulent, and unidentified plants in baggage from Mexico.

Heterodera sp., *schachtii* group (265 times), cysts with lentil seed; in soil ballast and samples; in soil with automobiles, bicycle, military cargo, railway car, shoes, and tractor; in soil with beet, carrot, celeriac, celery, garlic, horseradish, leek, onion, parsnip, potato, rutabaga, salsify, turnip, and yam in stores; and in soil with various bulbs and plants. Countries of origin were Argentina(?), Azores, Belgium, Brazil, British Honduras, Canada, Chile, Colombia, Czechoslovakia, Denmark, East Germany, England, France, Germany (West), Greece, India, Ireland, Israel, Italy, Japan, Netherlands, Norway, Pakistan, Panama, Peru, Poland, Portugal, Republic of South Africa, Spain, Sweden, Turkey, United Arab Republic, Wales, and Yugoslavia.

Heterodera sp. (24 times) in soil sample; in soil with automobile, military cargo, snow plow, and truck; in soil with horseradish, onion, potato, and turnip in stores; and in soil with asparagus, begonia, *Calathea* sp., citrus, dahlia, fuchsia, heather, stonecrop, and unidentified plants. Countries of origin were England, France, Germany, Hawaii, Hong Kong, Italy, Mexico, Peru, Portuguese Guinea, Scotland, Spain, and Turkey.

Hoplolaimus sp., probably *seinhorsti* Luc, in soil with croton plant in baggage from Mexico.

Hoplolaimus sp., undescribed, in soil with cactus plant in baggage from Mexico. *Hoplolaimus* sp. in soil sample and soil with onion, succulent plant, and sweet-potato in baggage from Mexico.

Meloidogyne sp., near *arenaria*, in carrot root in stores from Japan and in rubber-vine root in air baggage from Colombia.

Meloidogyne sp., probably *arenaria thamesi*, in dahlia root in cargo from Japan.

Meloidogyne sp., probably *hapla*, in beet root in stores from Poland and in brassbuttons root in aircargo from Germany.

Meloidogyne sp., possibly *incognita*, in beet in stores from Brazil, dasheen in cargo from Cuba, *Ledenbergia rosea-aenea* root in aircargo from Ireland, sansevieria in air baggage from Venezuela, and *Stephanotis* sp. root in baggage from Mexico.

Meloidogyne sp., possibly *incognita acrita*, in tulip root in baggage from England.

Meloidogyne sp., probably *javanica*, in beet root in stores from Australia, freesia root in air baggage from the Azores, strawberry root in aircargo from France, and yam in air baggage from Puerto Rico.

Meloidogyne n. sp.(?), close to *incognita acrita*, in astilbe root in cargo from the Netherlands. *Meloidogyne* sp., possibly a new species, in agapanthus root in mail from India.

Meloidogyne sp. (76 times) in roots of various bulbs, corms, flower plants, tubers, and vegetables from the Canal Zone, Cuba, Dominican Republic, England, Fiji, Formosa, France, Germany, Guatemala, Hawaii, India, Italy, Japan, Mexico, Netherlands, Peru, Singapore, and Switzerland.

Paratylenchus sp. in soil with African-violet in baggage from Mexico.

Pratylenchus sp., probably *penetrans*, in babysbreath root in cargo from the Netherlands.

Pratylenchus sp. (22 times) in roots of various flower plants from Canada, Colombia, Japan, Mexico, and Netherlands.

Pseudhalenchus sp. in soil with portulaca in baggage from Mexico.

Psilenchus sp. in hibiscus, Josephs-coat amaranth, and soil with anthurium, gardenia, and lemongrass plants in baggage from Mexico; and in soil with mint plant in baggage from Cuba.

Radopholus sp. in flamingo anthurium and ginger plants in mail from Hawaii.

Rotylenchus sp. in crassula, gardenia, soil sample, and soil with fern plant in baggage from Mexico; in soil with automobile in cargo from Sweden; and in unidentified plants in air baggage from England and an unknown origin.

Scutellonema sp. (22 times) in soil with automobiles in aircargo from Puerto Rico and cargo from Cuba; in soil with agave, amaryllis, asparagus-fern, begonia, caladium, citrus, *Eugenia* sp.(?), gardenia, lily, narcissus, philodendron, sansevieria, and unidentified plants in baggage from Mexico; and in yam root in air baggage from Cuba.

Tetylenchus sp. in amaryllis bulb in baggage from Mexico, in soil with railway refrigerator car in cargo from Mexico, and in soil sample and soil with echeveria and succulent plants in baggage from Mexico.

Trichodorus sp., undescribed, in soil with kalanchoe in air baggage from Guatemala. *Trichodorus* sp. in soil with fern plant in air baggage from Mexico.

Tylenchorhynchus sp. (29 times) in cactus, carnation, crassula, and gardenia plants and in soil with bamboo, begonia, coleus, dahlia, fig, flatsedge, geranium, hydrangea, lemongrass, onion, peperomia, peppertree, rose, succulent, and unidentified plants in baggage from Mexico and in soil with stonecrop in air baggage from England.

Tylenchus sp. in chrysanthemum in air baggage from England, Indiarubber fig plant in baggage from Brazil, in rose plant in baggage from Mexico, in soil with army tank in cargo from Germany, in soil with begonia in baggage from Argentina, in soil with cyclamen in baggage from Canada, and in soil sample and soil with fig, persimmon, rose, and unidentified plants in baggage from Mexico.

Xiphinema sp. in soil sample in air baggage from British Honduras and baggage and cargo from Mexico; in soil with acacia, banana, begonia, citrus, gardenia, lily, mango, succulent, and tuftroot plants and medicinal herbs in baggage from Mexico; in soil with croton plant in aircargo from British Honduras; and in soil with jasmine plant in air baggage from Cuba.

Summary of Numbers of Interceptions Listed in Main Table

Country	Insect	Disease	Country	Insect	Disease
Africa:			Europe—Continued		
Africa (country(?)).....	2	0	England.....	106	80
Algeria.....	4	0	Finland.....	1	1
Angola.....	1	0	France.....	98	37
Canary Islands.....	0	1	France(?).....	1	0
Cape Verde Islands.....	1	0	Germany.....	35	44
East Africa.....	1	0	Greece.....	46	3
Ethiopia.....	4	2	Greece(?).....	0	1
Kenya.....	1	0	Hungary.....	1	0
Liberia.....	2	0	Ireland.....	47	16
Libya.....	11	0	Italy.....	436	32
Mauritius.....	1	0	Lithuania.....	1	0
Morocco.....	44	2	Netherlands.....	81	39
Mozambique.....	0	1	Netherlands(?).....	1	0
Nigeria.....	1	0	Northern Ireland.....	102	0
Republic of South Africa.....	21	96	Norway.....	5	4
Republic of the Congo.....	2	0	Poland.....	11	2
Senegal.....	2	0	Portugal.....	24	2
Sierra Leone.....	2	1	Scotland.....	8	5
Sudan.....	103	0	Spain.....	102	11
Tanganyika.....	1	0	Sweden.....	2	8
Tunisia.....	1	0	Switzerland.....	9	21
United Arab Republic.....	6	0	Union of Soviet Socialist Re-		
West Africa.....	4	1	publics.....	3	5
Asia:			Wales.....	0	1
Afghanistan.....	1	1	Yugoslavia.....	5	0
Asia (country(?)).....	0	7	North America:		
Ceylon.....	8	0	Bermuda.....	13	1
China.....	3	43	Canada.....	5	6
Cyprus.....	4	0	Central America:		
Federation of Malaya.....	1	2	British Honduras.....	33	3
Formosa.....	24	21	Canal Zone.....	38	14
Hong Kong.....	11	111	Costa Rica.....	34	10
India.....	68	17	El Salvador.....	64	0
Indonesia.....	5	1	Guatemala.....	36	13
Iran.....	9	0	Honduras.....	30	15
Israel.....	12	0	Nicaragua.....	22	1
Japan.....	521	587	Panama.....	71	8
Japan(?).....	4	0	Iceland.....	3	0
Jordan.....	2	0	Mexico.....	453	228
Korea.....	1	2	West Indies:		
Kuwait.....	1	0	American Virgin Islands.....	4	0
Lebanon.....	11	1	Antigua.....	12	1
Macao.....	0	1	Aruba.....	2	0
Nepal.....	0	1	Bahamas.....	19	3
Pakistan.....	11	1	Bahamas(?).....	0	1
Singapore.....	7	2	Barbados.....	6	0
Syria.....	2	0	Cayman Islands.....	6	0
Thailand.....	10	6	Cuba.....	26	4
Turkey.....	20	0	Curacao.....	1	0
Vietnam.....	3	1	Dominica.....	2	1
Australasia:			Dominican Republic.....	62	6
American Samoa.....	7	0	Grenada.....	1	0
Australia.....	13	79	Guadeloupe.....	2	1
Eniwetok.....	1	0	Haiti.....	22	4
Fiji.....	8	0	Haiti(?).....	1	0
French Polynesia.....	1	0	Jamaica.....	69	22
Guam.....	10	1	Puerto Rico.....	57	8
Hawaii.....	576	8	Puerto Rico(?).....	1	0
Johnston Island.....	1	0	St. Kitts.....	2	0
Kwajalein.....	3	0	St. Martin.....	1	0
Marshall Islands.....	1	0	Tortola.....	3	0
New Guinea.....	1	0	Trinidad.....	13	3
New Zealand.....	2	8	South America:		
Norfolk Island.....	0	7	Argentina.....	23	80
Okinawa.....	7	3	Bolivia.....	2	0
Philippines.....	29	6	Brazil.....	74	149
Philippines(?).....	5	0	British Guiana.....	3	0
Southwest Pacific.....	1	0	Chile.....	2	1
Tahiti.....	31	1	Colombia.....	20	4
Tahiti(?).....	0	4	Ecuador.....	53	16
West Pacific.....	1	0	Paraguay.....	1	4
Europe:			Peru.....	32	24
Austria.....	2	4	Peru(?).....	2	0
Azores.....	32	4	South America (country(?)).....	1	0
Belgium.....	8	2	Surinam.....	2	0
Czechoslovakia.....	5	1	Uruguay.....	0	4
Denmark.....	13	4	Venezuela.....	12	3

Summary of Numbers of Interceptions Listed in Main Table—Continued

Country	Insect	Disease	Country	Insect	Disease
Totals:			Totals—Continued		
Africa.....	215	104	Total incompletely determined pests.....	3, 223	1, 293
Asia.....	739	805	Total insect interceptions.....	7, 550	3, 371
Australasia.....	698	117	Total disease interceptions.....		10, 921
Europe.....	1, 185	327	Grand total*.....		
North America.....	1, 114	353			
South America.....	227	285			
Unknown.....	149	87			
Total.....	4, 327	2, 078			

*This total represents only pests of known or potential plant quarantine importance or organisms of scientific interest. The total of all interceptions made during the year was 33,033.

NOTE.—Interceptions were also made from British West Africa, Canton Island, Christmas Island, Crete, Ghana, Guinea, Ivory Coast, Malta, Martinique, Montserrat, Netherlands New Guinea, Portuguese Guinea, Rumania, and Zanzibar.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Acanthoscelides armitagei</i> (Pic) (Bruchidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Colombia, Jamaica, Panama, Peru, Trinidad, unknown.	12	---	1	Fla., N.Y.
<i>Phaseolus lunatus</i> (lima bean).....	Colombia, Ecuador	---	---	2	D.C.
<i>P. vulgaris</i> (bean).....	Colombia, Jamaica, Trinidad, unknown, Venezuela.	2	1	2	D.C., Fla., La., N.Y., Tex.
<i>Pisum sativum</i> (pea).....	Panama	1	---	---	Fla.
Stores (with mixed fruits).....	Unknown	---	1	---	N.Y.
<i>Acanthoscelides griseolus</i> (Fall.) (Bruchidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Panama, Peru	3	---	---	Fla., N.Y.
<i>Lens culinaris</i> (lentil).....	Nicaragua	1	---	---	Calif.*
<i>Phaseolus lunatus</i> (lima bean).....	Peru	---	1	---	Pa.
<i>P. vulgaris</i> (bean).....	Panama	1	---	---	Calif.*
<i>Pisum sativum</i> (pea).....	do	1	---	---	Fla.
<i>Sesbania aculeata</i> (cannabina).....	Mexico	---	---	1	Calif.
<i>Sesbania</i> sp.....	do	1	---	3	Ariz., Calif.
<i>Acanthoscelides spinipes</i> (Er.) (Bruchidae):					
Legume (seed).....	Greece	---	---	1	N.Y.
<i>Acentroptera nevermanni</i> Uhmman (Chrysomelidae):					
Bromeliad.....	Costa Rica	---	---	1	Fla.
<i>Achaea janata</i> (L.) (Noctuidae):					
Airplane.....	Unknown	---	1	---	Hawaii.
<i>Codiaeum variegatum</i> (croton).....	Hawaii	1	---	---	Hawaii
<i>Achatina fulica</i> Bowdich (Achatinidae):					
Baggage.....	do	8	---	---	Hawaii.
Military cargo.....	Okinawa	2	---	---	Calif.*
<i>Acrolepia assectella</i> (Zell.) (Hyponomeutidae):					
<i>Allium cepa</i> (onion).....	France	1	---	---	N.Y.
<i>A. porrum</i> (leek).....	Denmark, France, Italy, Netherlands, Norway, Spain.	---	9	---	N.Y., N.C., Ohio, Pa.
Stores.....	France	---	1	---	N.Y.
<i>Acronicta psi</i> (L.) (Noctuidae):					
<i>Rosa</i> hybrid (leaf).....	Poland	1	---	---	N.Y.
<i>Adelphocoris lineolatus</i> (Goeze) (Miridae):					
<i>Fagus</i> sp. (beech) cutting.....	England	---	---	1	Mass.
<i>Adoretus sinicus</i> Burm. (Scarabaeidae):					
<i>Acalypha</i> sp. (copperleaf).....	Hawaii	---	---	1	Hawaii.
Airplane.....	do	---	2	---	Hawaii.
Baggage.....	do	2	---	---	Hawaii.
Flowers.....	do	1	---	---	Hawaii.
<i>Mangifera indica</i> (mango).....	do	1	---	---	Hawaii.
Orchid.....	do	1	---	---	Hawaii.
<i>Adorophyes reticulana</i> (Hbn.) (Tortricidae):					
<i>Syringa</i> sp. (lilac) cut flowers.....	Netherlands	3	---	---	N.Y.
<i>Aeolus pictus</i> (Cand.) (Elaterridae):					
Orchid.....	Honduras	---	---	2	Fla.
<i>Aganactesis indecora</i> Dyar (Galleriidae):					
<i>Cassia</i> sp. (senna) seed pod.....	Jamaica, Trinidad	2	---	---	Fla., N.Y.
<i>Agonopterix costosa</i> (Haw.) (Oecophoridae):					
<i>Cytisus scoparius</i> (Scotch-broom).....	Canada	---	---	1	Wash.
<i>Agonozena pyrogramma</i> Meyr. (Agonoxenidae):					
<i>Cocos nucifera</i> (coconut).....	Guam	1	---	---	Hawaii.
<i>Akermes andersoni</i> Newst. (Coccidae):					
<i>Garcinia mangostana</i> (mangosteen) sepal.....	Liberia	1	---	---	N.Y.
<i>Aleurocanthus citripertus</i> Q. & B. (Aleyrodidae):					
<i>Citrus</i> sp. (leaf).....	Philippines	1	---	---	Hawaii.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae):					
<i>Citrus aurantifolia</i> (lime) leaf.....	Mexico	3	---	---	Tex.
<i>C. sinensis</i> (sweet orange) leaf.....	do	1	---	---	Tex.
<i>Citrus</i> sp. (leaf).....	Ecuador, Mexico	6	---	---	Fla., Tex.
<i>Aleurodicus tridescens</i> Okil. (Aleyrodidae):					
<i>Echinodorus</i> sp. (burhead).....	Peru	---	---	3	Fla.
<i>Aleurothrix myrtacei</i> Bondar (Aleyrodidae):					
<i>Laurus nobilis</i> (Grecian laurel) leaf.....	British Honduras	1	---	---	Fla.
<i>Aleurotrachelus camelliae</i> (Kuw.) (Aleyrodidae):					
<i>Camellia japonica</i> (leaf).....	Japan	---	---	2	D.O.
<i>Aleyrodes lonicerae</i> Wik. (Aleyrodidae):					
<i>Fragaria</i> sp. (strawberry) leaf.....	France	---	---	1	N.Y.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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Pest and host	Country of origin	Number of in- terceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Alpheias conspirata</i> Hein. (Galleriidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	4			Tex.
<i>Alsophila membranaria</i> (Christ.) (Geometridae):					
<i>Prunus</i> sp. (cut flowers)	Japan	2			Hawaii.
<i>Althos obscurus</i> (Stal) (Coreidae):					
Bromeliad	Mexico			1	Tex.
<i>Amitermes wheeleri</i> (Desn.) (Termitidae):					
Cactus	do			1	Tex.
<i>Amnestus uhleri</i> Dist. (Pentatomidae):					
<i>Chamaedorea</i> sp. (palm)	do			1	Tex.
<i>Amphimallon majalis</i> Raz. (Scarabaeidae):					
Quarters	Unknown		1		Mich.
<i>Anaballus amplicollis</i> (Fairm.) (Curculionidae):					
<i>Anacardus</i> sp. (seed)	Guam			1	Hawaii.
<i>Anacridium aegyptium</i> (L.) (Acridae):					
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage)	Italy		1		Md.
Military cargo	Spain	2			Mass., Tex.
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Casimiroa edulis</i> (white sapote)	Mexico	2			Tex.
<i>Citrus aurantifolia</i> (lime)	do	6			Ariz., Calif., Tex.
<i>C. aurantium</i> (sour orange)	do	1			Fla.
<i>C. paradisi</i> (grapefruit)	do	5	1		Ala., Tex.
<i>C. sinensis</i> (sweet orange)	Guatemala, Mexico	35	4		Ariz., Calif.,* Fla., Tex., Va.
<i>Cydonia oblonga</i> (quince)	Mexico	1			Tex.
<i>Mangifera indica</i> (mango)	do	19	1		Calif., Calif.,* Fla., Ill., N.Y., Tex.
<i>Pyrus communis</i> (pear)	do	1			Tex.
<i>Anastrepha mombinpraepitans</i> Sein (Tephritidae):					
<i>Citrus sinensis</i> (sweet orange)	do	1			Tex.
<i>Eugenia jambos</i> (rose-apple)	British Honduras	1			Calif.*
<i>Mangifera indica</i> (mango)	Barbados, British Honduras, Costa Rica, Curacao, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Venezuela.	110	6		Ala., Calif., Calif.,* Fla., La., Md., N.Y., N.C., P.R., Tex.
<i>Psidium guajava</i> (guava)	Dominican Republic	1			Pa.
<i>Spondias cytherea</i> (vi-apple)	Jamaica	2			N.Y.
<i>S. mombin</i> (yellow mombin)	Costa Rica, Domin- ican Republic, El Salvador, Guatemala, Mexico, Nicaragua.	21	1		Calif.,* Fla., N.Y.
<i>S. purpurea</i> (purple mombin)	Guatemala	1			La.
<i>Terminalia catappa</i> (tropical almond)	Jamaica	1			N.Y.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Achras zapota</i> (sapodilla)	El Salvador	1			Calif.*
<i>Calocarpum sapota</i> (mamsey sapote)	do	2			Calif.*
<i>Anastrepha suspensa</i> (Loew) (Tephritidae):					
<i>Psidium guajava</i> (guava)	Jamaica, Puerto Rico	3			N.Y., P.R.
<i>Ancognatha scarabaeoides</i> Er. (Scarabaeidae):					
Airplane	Colombia		1		Fla.
<i>Ancylostoma stercorea</i> (Zell.) (Phycitidae):					
Bromeliad (leaf)	Mexico			1	Fla.
<i>Cajanus cajan</i> (pigeonpea)	Canal Zone, Domin- ican Republic, Haiti, Jamaica, Panama, St. Kitts, St. Martin, Tortola.	29	1		Am. V.I., Calif.,* Fla., Ill., N.Y.
<i>Cicer arietinum</i> (chick pea)	El Salvador, Panama	2			Calif.,* Fla.
<i>Phaseolus vulgaris</i> (bean)	Dominican Republic	1			N.Y.
<i>Pisum sativum</i> (pea)	Ecuador	1			Fla.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Anthela ocellata</i> Wlk. (?) (Lymantriidae):					
Airplane.	Australia.		1		Hawaii.
<i>Antillocoris punctatus</i> (Dist.) (Lygaeidae):					
Orchid (plant).	Mexico.			1	Tex.
<i>Antiteuchus panamensis</i> Ruckes (Pentatomidae):					
Orchid (plant).	Honduras.			1	Fla.
<i>Antonina graminis</i> (Mask.) (Coccidae):					
<i>Digitaria pentzii</i> (Pentz fingergrass).	Formosa.			1	D.C.
<i>Anuraphis apiifolia</i> Theob. (Aphidae):					
<i>Cynara scolymus</i> (artichoke).	Italy.		1		Wis.
<i>Foeniculum vulgare</i> (fennel).	do.	1			Mass.
<i>Anuraphis cardui</i> (L.) (Aphidae):					
<i>Lactuca sativa</i> (lettuce).	do.		1		N.Y.
<i>Aonidiella citrina</i> Coq. (Coccidae):					
<i>Citrus aurantium</i> (sour orange).	Japan.		1		Calif.*
<i>C. reticulata</i> (Mandarin orange).	do.	1			Hawaii.
<i>C. sinensis</i> (sweet orange).	Japan, Republic of South Africa, Spain, unknown.	2	3		Fla., Hawaii, Mich.
<i>Acnidiella comperei</i> McKenzie (Coccidae):					
<i>Citrus paradisi</i> (grapefruit).	Cuba.			1	D.C.
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
<i>Cocos nucifera</i> (coconut).	Philippines.		1		Calif.*
<i>Cycas revoluta</i> (sago palm).	Okinawa.			1	Hawaii.
<i>Aphis callunae</i> Theob. (Aphidae):					
<i>Calluna vulgaris</i> (heather).	Poland.	1			N.Y.
<i>Apion griseum</i> Sm. (Curculionidae):					
<i>Phaseolus vulgaris</i> cv. (string bean).	Mexico.	4			Tex.
<i>Apomecyna saltator</i> (Fab.) (Cerambycidae):					
<i>Cucumis dipsaceus</i> (teaselgourd).	Hawaii.	1			Hawaii.
<i>Araecerus levipennis</i> Jord. (Anthribidae):					
<i>Leucaena leucocephala</i> (white popinac leadtree) pod.	do.	1			Hawaii.
<i>Archachatina marginata</i> (Swainson) (Achatinidae):					
Cargo (as specimen for zoo).	Spain.	1			Calif.*
<i>Ardis sulcata</i> (Cam.) (Tenthredinidae):					
<i>Rosa hybrid</i> (leaf).	Germany.	1			Ill.
<i>Arge ochropa</i> (Gmel.) (Argidae):					
<i>Rosa hybrid</i> (cut flower).	Poland.	2			N.Y.
<i>Arge pleuritica</i> (Klug) (Argidae):					
Airplane.	France(?)		1		Pa.
<i>Arge similis</i> (Voll.) (Argidae):					
<i>Rhododendron obtusum</i> var. <i>kaempferi</i> (torch azalea).	Japan.			1	D.C.
<i>Rhododendron</i> sp.	do.			1	D.C.
<i>Argyresthia conjugella</i> (Zell.) (Hyponomeutidae):					
<i>Malus sylvestris</i> (apple).	Norway, Union of Soviet Socialist Republics.	3			N.Y.
<i>Sorbus</i> sp. (mountainash) berry.	England, Norway, Scotland.	3		1	N.Y.
<i>Argyresthia eugeniella</i> Busck (Hyponomeutidae):					
<i>Psidium guajava</i> (guava).	Puerto Rico.	1			P.R.
<i>Arianta arbutorum</i> (L.) (Helicidae):					
<i>Fragaria</i> sp. (strawberry) plant.	Netherlands.			1	N.Y.
Soil with <i>Rosa hybrid</i> (plant).	Germany.	1			N.Y.
<i>Arión ater</i> (L.) (Ariónidae):					
<i>Beta vulgaris</i> var. <i>cicla</i> (Swiss chard).	Italy.		1		N.Y.
Bromeliad (leaf).	Netherlands.			1	Fla.
Leaf—unidentified.	France.	1			N.Y.
<i>Arión circumscriptus</i> Johnston (Ariónidae):					
Soil on <i>Rosa hybrid</i> .	Germany.			1	N.J.
<i>Arión hortensis</i> Fer. (Ariónidae):					
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage).	England, France.		2		N.Y., P.R.
<i>Lactuca sativa</i> (lettuce).	France.		2		N.Y.
<i>Malus sylvestris</i> (apple).	Germany, Ireland.	2			Ill., Mich.
Soil.	France.	1			Mass.
Soil with flower bulb.	do.			1	Ill.
<i>Arphnus melanotylus</i> Ashlock (Lygaeidae):					
Bromeliad (plant).	Mexico.			1	Tex.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Aspidiotus destructor</i> Sign. (Coccidae): <i>Cocos nucifera</i> (coconut).....	American Virgin Islands, Bahamas, Costa Rica, Cayman Islands, Nicaragua, Panama.	5	2	-----	Bahamas, Calif.,* Fla., N.Y.
<i>Kentia</i> sp. (palm) leaf.....	Japan.....	-----	1	-----	Calif.*
<i>Maranta</i> sp. (arrowroot) leaf.....	Panama.....	-----	-----	1	Fla.
<i>Prunus domestica</i> (plum).....	Mexico.....	-----	-----	1	Tex.
<i>Terminalia catappa</i> (tropical almond).....	Jamaica.....	1	-----	-----	Fla.
<i>Aspidiotus diffinis</i> Newst. (Coccidae): <i>Spondias</i> sp. (mombin).....	Mexico.....	1	-----	-----	Ariz.
<i>Aspidiotus excisus</i> Green (Coccidae): <i>Cocos nucifera</i> (coconut) cap.....	Costa Rica.....	1	-----	-----	Calif.*
<i>Aspidiotus herculeanus</i> Ckll. & Hadden (Coccidae): Fruit—unidentified.....	El Salvador.....	1	-----	-----	Calif.*
<i>Spondias mombin</i> (yellow mombin).....	Nicaragua.....	1	-----	-----	Calif.*
<i>Aspidiotus mendax</i> (McKenzie) (Coccidae): Bromeliad (leaf).....	Brazil.....	-----	-----	1	Fla.
<i>Aspidiotus palmarum</i> Ckll. (Coccidae): <i>Artocarpus</i> sp. (leaf).....	Philippines.....	-----	1	-----	Hawaii.
Bromeliad (leaf).....	Germany.....	-----	-----	1	Fla.
<i>Cocos nucifera</i> (coconut) cap.....	Costa Rica.....	1	-----	-----	Calif.*
<i>Cycas revoluta</i> (sago palm).....	Mexico.....	-----	-----	1	Tex.
<i>Kentia</i> sp. (palm) leaf.....	Japan.....	-----	1	-----	Calif.*
<i>Trichopilia tortilis</i> (orchid) leaf.....	Guatemala.....	-----	-----	1	Fla.
<i>Asterobemisia carpinii</i> (Koch) (Aleyrodidae): <i>Rubus</i> sp. (leaf).....	France.....	-----	3	-----	Mass., N.Y.
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae): <i>Bambusa</i> sp. (bamboo).....	Mexico.....	1	-----	-----	Calif.
<i>Asterolecanium epidendri</i> (Bouché) (Coccidae): Broughtonia sp. (orchid).....	Jamaica.....	-----	-----	1	Fla.
<i>Cattleya</i> sp. (orchid) leaf.....	Costa Rica.....	-----	-----	1	Fla.
<i>Epidendrum collare</i> (orchid) leaf.....	Ecuador.....	-----	-----	2	Calif.*
<i>Odontoglossum</i> sp. (orchid) leaf.....	Costa Rica.....	-----	-----	1	Fla.
<i>Oncidium</i> sp. (orchid) leaf.....	Brazil, Peru.....	-----	-----	2	Fla.
Orchid (leaf).....	Brazil, Cuba, Jamaica, Nicaragua, Panama, Peru.	-----	-----	8	Fla.
<i>Asterolecanium euphorbiae</i> Rsl. (Coccidae): <i>Euphorbia stellaespina</i> (starspine euphorbia).....	Republic of South Africa.....	-----	-----	1	Tex.
<i>Asterolecanium miliaris miliaris</i> (Bdv.) (Coccidae): Bamboo (node).....	Cuba.....	1	-----	-----	Fla.
<i>Asterolecanium pseudomiliaris</i> Green (Coccidae): <i>Bambusa vulgaris</i> (common bamboo).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Asterolecanium simile</i> Rsl. (Coccidae): <i>Orbignya cohune</i> (cohune palm) seed.....	British Honduras.....	-----	-----	1	Fla.
<i>Atheas nigricornis</i> Champ. (Tingidae): Bromeliad.....	Mexico.....	-----	-----	1	Tex.
<i>Aulacaspis ericacearum</i> Takagi (Coccidae): <i>Epigaea asiatica</i> (Asiatic trailing-arbutus).....	Japan.....	-----	-----	1	D.C.
<i>Aulacaspis tubercularis</i> Newst. (Coccidae): <i>Mangifera indica</i> (mango).....	El Salvador, Formosa, Pakistan.....	8	-----	1	Calif.,* Fla., Wash.
<i>Austrotortrix postvittana</i> (Wlk.) (Tortricidae): Airplane.....	New Zealand.....	-----	1	-----	Hawaii.
<i>Autographa gamma</i> (L.) (Noctuidae): <i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower).....	France.....	-----	1	-----	N.Y.
<i>Lactuca sativa</i> (lettuce).....	do.....	-----	1	-----	N.Y.
<i>Baris lepidii</i> Germ. (Curculionidae): <i>Armoracia laphatifolia</i> (horseradish) root.....	Czechoslovakia.....	1	-----	-----	N.Y.
<i>Bathydema socia</i> Uhler (Lygaeidae): Orchid (plant).....	Ecuador.....	-----	-----	2	Fla., N.Y.
<i>Batrachedra linaria</i> Clarke (Cosmopterigidae): <i>Agave shawii</i>	Mexico.....	-----	-----	2	Calif.
<i>Bephrata maculicollis</i> Cam. (Eurytomidae): <i>Annona muricata</i> (soursop).....	Venezuela.....	1	-----	-----	Fla.
<i>Bibio marci</i> (L.) (Bibionidae): Airplane.....	France.....	-----	1	-----	N.Y.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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		Consumption	Nonentry	Propagation	
<i>Blastodacna atra</i> (Haw.) (Cosmopterigidae):					
<i>Malus sylvestris</i> (apple).....	Poland, unknown.....	1	1		N.Y.
<i>Blastophagus piniperda</i> (L.) (Scolytidae):					
Conifer (crate).....	Portugal.....	1			Fla.
<i>Blissus diplopterus</i> Dist. (Lygaeidae):					
<i>Ornithogalum thyrsoides</i> (Cape chinkerichee)....	Republic of South Africa.....	1			N.Y.
<i>Prunus armeniaca</i> (apricot).....	do.....	2			N.Y.
<i>Blosyris scops</i> (Guen.) (Noctuidae):					
Airplane.....	Unknown.....		1		N.Y.
<i>Bostrichus capucinus</i> (L.) (Bostrichidae):					
<i>Glycyrrhiza</i> sp. (licorice) root.....	Syria.....	1			Md.
<i>Brachybaenus ablutus</i> (Brunn.) (Gyllacrididae):					
Airplane.....	Mexico.....		1		Tex.
<i>Brachycerus albidentatus</i> Gyll. (Curculionidae):					
<i>Allium sativum</i> (garlic).....	Italy.....	1			N.Y.
<i>Bradybaena similis</i> (Fer.) (Bradybaenidae):					
<i>Anthurium</i> sp. (cut flowers).....	Hawaii.....	2			Hawaii.
<i>Antirrhinum majus</i> (snapdragon) cut flowers....	Bermuda.....	1			N.Y.
<i>Asparagus plumosus</i> (fern asparagus).....	Hawaii.....	1			Hawaii.
Plants—unidentified.....	Bermuda.....			1	Va.
<i>Zingiber officinale</i> (ginger).....	Hawaii.....	1		1	Hawaii.
<i>Brevipalpus obovatus</i> Donn. (Tenuipalpidae):					
<i>Citrus sinensis</i> (sweet orange).....	Argentina.....		1		Ga.
<i>Bruchidius tividimanus</i> (Gyll.) (Bruchidae):					
<i>Cytisus battandieri</i> (broom) seed.....	France.....			1	N.J.
<i>Bruchus dentipes</i> (Baudi) (Bruchidae):					
<i>Vicia faba</i> (broadbean).....	Italy.....	1			Ill.
<i>Bruchus ervi</i> Froel. (Bruchidae):					
<i>Lens culinaris</i> (lentil).....	England, Greece, Italy, Spain, Turkey.....	5	3		Fla., N.J., N.Y., Pa., Wis.
<i>Bruchus lentis</i> Froel. (Bruchidae):					
<i>Lens culinaris</i> (lentil).....	Italy, Netherlands.....	3	1		N.J., N.S.C.
<i>Bruchus signaticornis</i> Gyll. (Bruchidae):					
<i>Lathyrus</i> sp. (peavine).....	Italy.....	1			N.Y.
<i>Lens</i> sp. (lentil).....	do.....	1		1	N.Y.
<i>Vicia faba</i> (broadbean).....	do.....	1			N.Y.
<i>Bruchus tristis</i> Boh. (Bruchidae):					
<i>Lathyrus sativus</i> (grass peavine).....	do.....	1		1	N.Y.
<i>Lupinus</i> sp. (lupine) seed.....	Azores.....			1	N.Y.
<i>Bulimulus fraterculus</i> (Potiez & Michaud) (Bulimulidae):					
Military cargo.....	Morocco.....	1			N.Y.
<i>Bulimulus hepatostomus</i> Pfeiffer (Bulimulidae):					
Cactus (plant).....	Mexico.....			1	Tex.
<i>Bulimulus unicolor</i> (Sowerby) (Bulimulidae):					
<i>Musa paradisiaca</i> var. <i>sapientum</i> (banana).....	Honduras.....	3			N.Y., S.C.
<i>Cacoecimorpha promebana</i> (Hbn.) (Tortricidae):					
<i>Dianthus caryophyllus</i> (carnation) cut flowers....	Unknown.....	1			N.Y.
Plant material (flowers and vegetables).....	France.....	1			N.Y.
<i>Punica granatum</i> (pomegranate).....	Italy.....	3			N.Y.
<i>Callidium rufipenne</i> Motsch. (Cerambycidae):					
Wood (milled lumber).....	Japan.....		1		Calif.*
<i>Callosobruchus analis</i> (F.) (Bruchidae):					
<i>Cajanus cajan</i> (pigeonpea).....	India.....		1		Tex.
<i>Phaseolus aureus</i> (mung bean).....	do.....		1		Tex.
<i>Calocoris hispanicus</i> (Gmelin) (Miridae):					
<i>Rosa</i> hybrid (rose) petals.....	France.....	1			N.Y.
<i>Campylenchis hastata</i> F. (Membracidae):					
<i>Coffea</i> sp. (coffee) berry.....	Trinidad.....			1	Am. V.I.
<i>Capaneus tetricus</i> Stal (Coreidae):					
<i>Oncidium luridum</i> (orchid) plant.....	Mexico.....			1	Tex.
Orchid.....	do.....			1	Tex.
<i>Capillifera plebeia</i> (Draparnaud) (Helicellidae):					
Soil.....	Italy.....	1			N.Y.
<i>Cardiophorus histrio</i> Erichson (Elateridae):					
Succulent (plant).....	Republic of South Africa.....			1	Fla.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
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<i>Carposina niponensis</i> Wlsm. (Carposinidae):					
<i>Malus sylvestris</i> (apple)-----	Japan-----		9		Calif., * Ha- waii, Pa., Wash.
<i>Pyrus communis</i> (pear)-----	do-----	1			Wash.
<i>Caryedon gonagra</i> (F.) (Bruchidae):					
Bagging (used)-----	Netherlands-----	1			S.C.
Stores-----	India, unknown-----		2		Ia., Tex.
<i>Tamarindus indica</i> (tamarind) pod-----	India-----		3		Pa., Tex.
<i>Caulotops distanti</i> (Reuter) (Miridae):					
<i>Agave victoriae-reginae</i> -----	Mexico-----			5	Tex.
<i>Cecilioides acicula</i> (Müller) (Achatinidae):					
<i>Apium graveolens</i> (celery)-----	Netherlands-----		1		Pa.
Bulb—unidentified-----	Germany-----			1	N.Y.
Orchid (plant)-----	British Honduras-----			1	Fla.
Soil with <i>Brassica napobrassica</i> (rutabaga)-----	Germany-----		1		Fla.
Soil with propagative material (cactus, <i>Olea europaea</i> , <i>Prunus</i> sp., <i>Sedum</i> sp., and unidentified plants).	Azores, Germany, Iran, Italy.			6	D.C., Mass., Mich., Pa.
<i>Cecilioides aperta</i> (Swainson) (?) (Achatinidae):					
<i>Encephalartos hillebrandtii</i> (Hillebrandt kaifbread).	Kenya-----			1	N.J.
<i>Cenopalpus pulcher</i> (C. & F.) (Tenuipalpidae):					
<i>Sorbus domestica</i> (servicetree mountainash) fruit and leaf.	Italy-----	2			N.Y.
<i>Cepaea nemoralis</i> (L.) (Helicidae):					
Military cargo-----	France-----	3			La., N.Y.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):					
<i>Capsicum annuum</i> (pepper)-----	Italy-----	1			N.Y.
<i>Citrus limon</i> (lemon)-----	do-----	1			N.Y.
<i>C. paradisi</i> (grapefruit)-----	Cyprus, Italy, Spain, Turkey.		5		Ala., Ga., Md., N.Y., Pa.
<i>C. reticulata</i> (Mandarin orange)-----	Argentina, Italy-----	8			N.Y.
<i>C. sinensis</i> (sweet orange)-----	Azores, Italy, Leb- anon, Portugal, Spain, United Arab Republic, unknown.	5	11		Fla., N.Y., Pa., P.R.
<i>Coffea arabica</i> (Arabian coffee) berry-----	Brazil, Hawaii-----	50		2	Calif., * Fla., Hawaii.
<i>Coffea</i> sp.-----	Brazil-----	2			N.Y.
<i>Cydonia oblonga</i> (quince)-----	Greece, Italy-----	3			N.Y.
<i>Diospyros</i> sp. (persimmon)-----	Italy-----	1			N.Y.
<i>Eriobotrya japonica</i> (loquat)-----	do-----	2			N.Y.
<i>Ficus carica</i> (fig)-----	Argentina, Italy-----	17			Fla., Mass., N.Y.
<i>Malus sylvestris</i> (apple)-----	Italy-----	1			N.Y.
<i>Opuntia humifusa</i> (pricklypear)-----	Greece, Italy-----	4			N.Y.
<i>Prunus domestica</i> (plum)-----	Italy-----	2			Mass., N.Y.
<i>P. persica</i> (peach)-----	do-----	2	2		N.Y.
<i>P. persica</i> var. <i>nectarina</i> (nectarine)-----	Argentina-----	1			Fla.
<i>Psidium littorale</i> (Cattley guava)-----	Portugal-----	1			N.Y.
<i>P. littorale</i> var. <i>lucidum</i> (yellow Cattley guava)-----	do-----	1			N.Y.
<i>Punica granatum</i> (pomegranate)-----	Argentina, Israel, Italy.	6			Fla., N.Y.
<i>Pyrus communis</i> (pear)-----	Italy-----	6			Mass., N.Y.
Rosaceae (fruit)-----	Cyprus-----	2			N.Y.
<i>Sorbus</i> sp. (mountainash) fruit-----	Italy-----	1			N.Y.
<i>Terminalia catappa</i> (tropical almond)-----	Hawaii-----	2			Hawaii.
<i>Vitis</i> sp. (grape)-----	Azores-----		1		N.Y.
<i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Citrus grandis</i> (pummelo)-----	Hawaii-----	1			Hawaii.
<i>C. paradisi</i> (grapefruit)-----	Peru (?)-----		1		Fla.
<i>C. sinensis</i> (sweet orange)-----	Italy, Spain-----		2		Fla., Mass
<i>Coffea arabica</i> (Arabian coffee) berry-----	Hawaii-----	3			Hawaii.
<i>Coffea</i> sp. (seed)-----	Ethiopia-----			1	D.C.
<i>Diospyros kaki</i> (kaki persimmon)-----	Argentina-----	1			Fla.
<i>Pandanus</i> sp. (screwpine) lei-----	Hawaii-----	1			Hawaii.
<i>Ceratitis colae</i> Silv. (Tephritidae):					
<i>Coffea</i> sp. (seed)-----	Ethiopia-----			1	D.C.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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<i>Cerconota anonella</i> (Sepp) (Stenomidae):					
<i>Annona squamosa</i> (sugar-apple).....	Brazil.....	1			N.Y.
<i>Annona</i> sp. (fruit).....	Brazil, Honduras, Paraguay.....		1	3	Fla., Tex.
<i>Ceroplastes rubens</i> Mask. (Coccidae):					
<i>Alyxia olivaeformis</i> (male alyxia) leaf.....	Hawaii.....	1			Calif.*
<i>Gibotium</i> sp. (tree fern).....	do.....	1			Hawaii.
<i>Polypodium</i> sp. (fern).....	Tahiti.....	1			Hawaii.
<i>Ceratomya atrofasciata</i> Jac. (Chrysomelidae):					
<i>Fragaria</i> sp. (strawberry).....	Mexico.....	2			N.Y.
<i>Ceutorhynchus pleurostigma</i> Marsh. (Curculionidae):					
<i>Brassica rapa</i> (turnip).....	Italy.....		1		Calif.*
<i>Characoma albulalis</i> Wlk. (?) (Noctuidae):					
Airplane.....	Unknown.....		1		Hawaii.
<i>Chilo loftini</i> Dyar (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane).....	Mexico.....	44			Ariz., Calif.
<i>Chilo suppressalis</i> (Wlk.) (Crambidae):					
Cargo (with <i>Santalum</i> sp. (sandalwood) tree).....	Japan.....			1	Hawaii.
<i>Oryza sativa</i> (rice) straw.....	Japan, Philippines, Spain, unknown.....	15	2		Calif.* Hawaii, N.J., N.Y., Va.
<i>Chilo zonellus</i> (Swinh.) (Crambidae):					
Airplane.....	Philippines.....		1		Hawaii.
<i>Chlorotettix tethys</i> Van Duzee (Cicadellidae):					
Airplane.....	Nicaragua.....		1		P.R.
<i>Chondropoma picta</i> (Pfeifer) (?) (Pomatiasidae):					
Orchid (plant).....	Cuba.....			1	Fla.
<i>Chondrula pupa</i> (Bruguiere) (?) (Enidae):					
Roots—unidentified.....	Italy.....	1			N.Y.
<i>Chrysomphalus agaris</i> (Townsend & Ckll.) (Coccidae):					
<i>Yucca</i> sp.....	Mexico.....			1	Calif.*
<i>Chrysomphalus calurus</i> (Ckll.) (Coccidae):					
<i>Spondias mombin</i> (yellow mombin).....	Guatemala, Nicaragua.....	2			Calif.*
<i>Chrysomphalus nigropunctatus</i> (Ckll.) (Coccidae) (tentative):					
<i>Dracaena</i> sp. (stem).....	Costa Rica.....			1	Fla.
<i>Chrysomphalus nulliporus</i> McKenzie (Coccidae):					
<i>Dendrobium</i> sp. (orchid) leaf.....	India.....			1	N.J.
<i>Chrysomphalus odontoglossi</i> (Ckll.) (Coccidae):					
<i>Cydonia oblonga</i> (quince).....	Peru.....	1			Fla.
<i>Chrysomphalus paulistus</i> (Hempel) (Coccidae) (tentative):					
<i>Laurus</i> sp. (laurel) leaf.....	Argentina.....	1			Fla.
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Brazil, Mexico.....		4		Calif.*
<i>C. aurantium</i> (sour orange).....	Brazil.....		1		Calif.*
<i>C. limon</i> (lemon).....	do.....		1		Calif.*
<i>C. paradisi</i> (grapefruit).....	do.....		1		Calif.*
<i>C. sinensis</i> (sweet orange).....	Argentina, Brazil, unknown.....	2	19		Calif., Fla. Fa.
<i>Cocos nucifera</i> (coconut) cap.....	Costa Rica.....	1			Calif.*
Leaf—unidentified.....	do.....		1		Calif.*
<i>Mangifera indica</i> (mango).....	Mexico.....	2			Calif.
<i>Chrysomphalus sphaeroides</i> (Ckll.) (Coccidae):					
<i>Chamaedorea</i> sp. (palm) plant.....	do.....			1	Calif.
<i>Chrysomphalus tenax</i> (McKenzie) (Coccidae):					
<i>Philodendron dubium</i>	do.....			1	Tex.
<i>Chrysomphalus tingi</i> (McKenzie) (Coccidae):					
<i>Agave americana</i> (century plant).....	do.....			1	Calif.*
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Bromeliad</i> (plant).....	Costa Rica.....			1	Fla.
<i>Cattleya</i> sp. (orchid) leaf.....	Honduras.....			1	Fla.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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<i>Chrysomphalus umboniferus</i> —Continued					
<i>Diachaea</i> sp. (orchid) leaf.....	Costa Rica.....	—	—	1	Fla.
Orchid (leaf).....	Canal Zone, Costa Rica, El Salvador, Guatemala, Mexico, Peru.....	—	—	13	Ariz., Calif.,* Fla.
<i>Philodendron</i> sp. (leaf).....	Peru.....	—	—	1	Fla.
<i>Sobralia</i> sp. (orchid) leaf.....	Costa Rica.....	—	—	1	Calif.*
<i>Cladius pectinicornis</i> (Foure.) (Tenthredinidae):					
<i>Rosa</i> hybrid (rose).....	Denmark, England, Germany, Netherlands.....	4	1	1	Ill., Mich., N.Y., Wash.
Soil with <i>Ilex</i> sp. plant.....	Switzerland.....	—	—	1	N.Y.
<i>Clausilia lineolata</i> Held (?) (Clausiliidae):					
Military cargo.....	France.....	1	—	—	N.J.
<i>Cleistophus similis</i> (Chev.) (Curculionidae):					
<i>Chrysanthemum</i> sp. (cut flowers).....	Guatemala.....	1	—	—	Fla.
<i>Clerada apicicornis</i> Sign. (Lygaeidae):					
Baggage.....	Hawaii.....	1	—	—	Hawaii.
Grass (dried—used for tea).....	Dominican Republic.....	1	—	—	N.Y.
<i>Clysiana ambiguella</i> (Hbn.) (Phalonidae):					
<i>Prunus persica</i> (peach).....	Italy.....	1	—	—	N.Y.
<i>Vitis</i> sp. (grape).....	do.....	1	—	—	N.Y.
<i>Coccus alpinus</i> deLotto (Coccidae):					
<i>Coffea arabica</i> (Arabian coffee).....	Brazil.....	1	—	1	Fla.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Alpinia purpurata</i>	Hawaii.....	1	—	—	Hawaii.
<i>Alstonia</i> sp. (leaf).....	New Guinea.....	1	—	—	Calif.*
<i>Citrus</i> sp. (plant).....	Tahiti.....	—	—	1	Hawaii.
<i>Coffea arabica</i> (Arabian coffee) berry.....	Hawaii.....	8	—	—	Hawaii.
<i>Gardenia jasminoides</i>	do.....	121	2	7	Calif.* Hawaii.
<i>Ixora chinensis</i>	Fiji.....	1	—	—	Hawaii.
<i>Ixora</i> sp.....	Tahiti.....	2	—	—	Hawaii.
<i>Plumeria rubra</i> (Mexican frangipani).....	Hawaii.....	—	—	1	Hawaii.
<i>Plumeria</i> sp.....	do.....	—	1	2	Hawaii.
<i>Polianthes tuberosa</i> (tuberose).....	Tahiti.....	1	—	—	Hawaii.
<i>Schinus terebinthifolia</i> (Brazil peppertree).....	Hawaii.....	1	—	—	Hawaii.
<i>Triphasia trifolia</i> (limeberry).....	do.....	—	—	1	Hawaii.
<i>Cochlicella barbara</i> (L.) (Helicellidae):					
Military cargo.....	Italy, Libya, Morocco, Spain.....	24	—	—	La., N.Y., S.C., Va.
<i>Mirabilis jalapa</i> (common four-o'clock) seed.....	France.....	—	—	1	Pa.
Soil.....	Italy.....	1	—	—	N.Y.
<i>Cochlicella conoidea</i> (Draparnaud) (Helicellidae):					
Military cargo.....	Spain.....	1	—	—	Va.
<i>Cochlicella ventrosa</i> (Fer.) (Helicellidae):					
<i>Brassica oleracea</i> var. <i>botrytis</i> (broccoli) seed.....	Italy.....	—	—	1	N.Y.
<i>Cedrus</i> sp. (cedar).....	Bermuda.....	—	—	1	Fla.
Military cargo.....	Azores, Italy, Morocco, Spain, Turkey.....	13	—	—	La., N.Y., S.C., Tex., Va.
Soil with unidentified plants.....	Bermuda.....	—	—	1	Va.
<i>Conchaspis orchidarum</i> Mamet (Coccidae):					
Orchid (pseudobulb).....	Panama.....	—	—	1	P.R.
<i>Conchylodes bryophilalis</i> Hamp. (Pyraustidae):					
Airplane.....	Costa Rica.....	—	—	1	Fla.
<i>Conocephalus longipennis</i> (Haan) (Tettigoniidae):					
Airplane.....	Philippines.....	—	—	1	Hawaii.
<i>Conoderus exsul</i> (Sharp) (Elateridae):					
<i>Asparagus myriocladus</i>	Hawaii.....	1	—	—	Hawaii.
<i>Conotelus mexicanus</i> Murr. (Nitidulidae):					
<i>Chrysanthemum</i> sp. (cut flowers).....	Mexico.....	5	—	—	Ariz., Tex.
<i>Cucurbita</i> sp.....	do.....	1	—	—	Ariz.
<i>Gardenia</i> sp.....	Hawaii.....	1	—	—	Hawaii.
<i>Lathyrus odoratus</i> (sweet pea).....	Mexico.....	1	—	—	Tex.
<i>Plumeria</i> sp.....	Hawaii.....	1	—	—	Hawaii.
<i>Spinacia oleracea</i> (spinach).....	Mexico.....	1	—	—	Tex.
<i>Vanda</i> sp. (orchid).....	Hawaii.....	1	—	—	Hawaii.
<i>Zinnia</i> sp. (cut flowers).....	Mexico.....	1	—	—	Ariz.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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<i>Conotrachelus aguacatae</i> Barber (Curculionidae): <i>Persea americana</i> (avocado).....	Mexico.....	11	-----	-----	Ariz., Tex.
<i>Conotrachelus perseae</i> Barber (Curculionidae): <i>Persea americana</i> (avocado).....	do.....	1	-----	-----	Tex.
<i>Contigaspis indogoferae</i> Hall (Coccidae): Succulent (plant).....	Republic of South Africa.....	-----	-----	1	D.C.
<i>Coptotermes testaceus</i> L. (Rhinotermitidae): <i>Jacaranda</i> sp. (log).....	Brazil.....	1	-----	-----	La.
<i>Coryda nemoraloides</i> (C. B. Adams) (Helmintho- glyptidae): <i>Philodendron</i> sp. (plant).....	Jamaica.....	-----	-----	1	Fla.
<i>Corythaica carinata</i> Uhler (Tingidae): Herb (dried).....	Barbados.....	1	-----	-----	N.Y.
<i>Mentha</i> sp. (mint) leaf.....	Haiti.....	1	-----	-----	N.Y.
<i>Corythaica cyathicollis</i> (Costa) (Tingidae): Flowers.....	Antigua.....	1	-----	-----	Am. V.I.
<i>Corythucha meelfreshi</i> Drake (Tingidae): <i>Montanoa hibiscifolia</i>	Mexico.....	1	-----	-----	Tex.
<i>Coryzorhaphis cruciata</i> Stal (Pentatomidae): Cargo.....	Honduras.....	1	-----	-----	S.C.
<i>Cosmopolites sordidus</i> (Germ.) (Curculionidae): <i>Musa</i> sp. (banana) plant.....	Mexico.....	-----	-----	1	Tex.
<i>Crocidophora sinualis</i> (Wlk.) (Pyraustidae): Airplane.....	Japan(?).....	-----	1	-----	Hawaii.
<i>Cryphula apicata</i> (Dist.) (Lygaeidae): Bromeliad (plant).....	Canal Zone, Mexico.....	-----	-----	3	Ariz., Fla., Tex.
Cactus (plant).....	Mexico.....	-----	-----	1	Tex.
Orchid (plant).....	British Honduras, Guatemala, Honduras, Mexico.....	-----	-----	10	Ariz., Fla., Tex.
Plant—unidentified.....	Mexico.....	-----	-----	1	Tex.
<i>Cryptoblabes gnidiella</i> (Mill.) (Phycitidae): <i>Citrus sinensis</i> (sweet orange).....	Italy, Spain, un- known.....	1	11	-----	Fla., N.Y., N.C.
<i>Punica granatum</i> (pomegranate).....	France, Greece, Israel, Italy.....	15	-----	-----	Mich., N.Y.
<i>Vitis</i> sp. (grape).....	Italy.....	1	-----	-----	N.Y.
<i>Cryptocephalus marginicollis</i> Suffr. (Chrysomeli- dae): <i>Ananas comosus</i> (pineapple).....	Cuba.....	1	-----	-----	Fla.
<i>Cryptophlebia leucotreta</i> (Meyr.) (Olethreutidae): <i>Citrus sinensis</i> (sweet orange).....	Republic of South Africa.....	-----	2	-----	Pa.
<i>Coffea arabica</i> (Arabian coffee).....	Ethiopia.....	-----	-----	1	D.C.
<i>Cryptophlebia ombrodelta</i> (Lower) (Olethreuti- dae): <i>Phaseolus lunatus</i> (lima bean).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Pithecellobium dulce</i> (guamachil apes-earring) pod.....	do.....	1	-----	-----	Hawaii.
<i>Samanea saman</i> (raintree saman) seed.....	do.....	-----	-----	1	Hawaii.
<i>Cryptotermes brevis</i> (Wlk.) (Kalotermitidae): Paper (carton).....	do.....	2	-----	-----	Hawaii.
<i>Ctenoglyphus plumiger</i> (Koch) (Glycyphagidae): <i>Citrus sinensis</i> (sweet orange).....	Argentina.....	-----	1	-----	Fla.
<i>Curculio elephas</i> (Gyll.) (Curculionidae): <i>Castanea</i> sp. (chestnut).....	Greece, Italy, Portugal, Spain, Yugoslavia.....	118	-----	-----	Ill., Mass., N.Y., Pa.
<i>Quercus suber</i> (cork oak) seed.....	Spain.....	-----	-----	1	N.J.
<i>Quercus</i> sp. (seed).....	Italy.....	2	-----	-----	N.Y.
<i>Curculio nucum</i> L. (Curculionidae): <i>Castanea</i> sp. (chestnut).....	do.....	1	-----	-----	N.Y.
<i>Corylus avellana</i> (European filbert) nut.....	Italy, Lithuania.....	2	-----	-----	N.Y.
<i>Corylus</i> sp. (hazelnut).....	France.....	1	-----	-----	N.Y.
<i>Cylas formicarius</i> (F.) var. (Curculionidae): <i>Ipomoea batatas</i> (sweet potato).....	Puerto Rico.....	2	-----	-----	P.R.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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		Consumption	Nonentry	Propagation	
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Antigua, Cuba, Dominican Republic, Haiti(?), Trinidad, Venezuela.	8	6	-----	Ala., Fla., N.Y., P.R.
<i>Cylas puncticollis</i> Boh. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Sierra Leone.....	-----	1	-----	Md.
<i>Dacus dorsalis</i> Hend. (Tephritidae):					
<i>Artocarpus altilis</i> (breadfruit).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Carica papaya</i> (papaya).....	do.....	2	-----	-----	Hawaii.
<i>Mangifera indica</i> (mango).....	Guam, Hawaii.....	5	-----	-----	Calif.,* Hawaii.
<i>Murraya paniculata</i> (orange-jasmine) fruit.....	Hawaii.....	1	-----	-----	Hawaii.
<i>Musa</i> sp. (banana).....	do.....	1	-----	-----	Hawaii.
<i>Psidium guajava</i> (guava).....	Hawaii, Philippines.....	3	-----	-----	Hawaii.
<i>Terminalia catappa</i> (tropical almond).....	Hawaii.....	7	-----	-----	Hawaii.
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae):					
<i>Eugenia malaccensis</i> (Malay-apple).....	do.....	1	-----	-----	Hawaii.
<i>Psidium guajava</i> (guava).....	Unknown.....	-----	1	-----	Hawaii.
<i>Terminalia catappa</i> (tropical almond).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Dacus oleae</i> (Gmel.) (Tephritidae):					
<i>Olea europaea</i> (olive).....	Cyprus, Italy, Lebanon, Spain, Syria.	43	-----	-----	Mass., N.Y.
<i>Deilephila nerii</i> (L.) (Sphingidae):					
Cargo (with cow horns in boxes).....	Africa (country(?)).....	1	-----	-----	La. .
<i>Deloyala guttata</i> (Ol.) (Chrysomelidae):					
Airplane.....	Dominican Republic.....	-----	1	-----	P.R.
<i>Dendrocoris variegatus</i> Nelson (Pentatomidae):					
Orchid (plant).....	Mexico.....	-----	-----	1	Tex.
Plant—unidentified.....	do.....	-----	-----	1	Tex.
<i>Dendrothripoides ipomoeae</i> Bagnall (Thripidae):					
<i>Operculina tuberosa</i> (wood-rose).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae):					
<i>Rhododendron</i> 'Ursula Sims'.....	Germany.....	-----	-----	1	N.J.
<i>Rhododendron</i> sp.....	England, Netherlands.	-----	-----	19	N.J.
<i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodidae):					
<i>Citrus sinensis</i> (sweet orange) leaf.....	Nicaragua.....	1	-----	-----	Calif.*
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae):					
<i>Gardenia</i> sp. (leaf).....	Tahiti.....	2	-----	-----	Calif.,* Hawaii.
<i>Jasminum sambac</i> (Arabian jasmine).....	Hawaii.....	2	-----	1	Hawaii.
<i>Jasminum</i> sp. (leaf).....	Philippines.....	-----	-----	1	Calif.*
<i>Diaphania indica</i> (Saund.) (Pyraustidae):					
<i>Cucumis</i> sp.....	Jamaica.....	2	-----	-----	Fla.
<i>Diaphone eumela</i> (Cram.) (Noctuidae):					
<i>Ornithogalum thyrsoides</i> (Cape chinkerichee).....	Republic of South Africa.	2	-----	-----	N.Y.
<i>Diaspis juniperi</i> (Bouché) (Coccidae):					
<i>Juniperus squamata</i> var. <i>wilsonii</i> (Wilson singleseed juniper).....	Netherlands.....	-----	-----	1	D.C.
<i>Juniperus</i> sp. (berry).....	Yugoslavia.....	-----	-----	1	Mich.
<i>Thuja occidentalis</i> 'Indomitable'.....	Netherlands.....	-----	-----	1	D.C.
<i>Diaspis minima</i> Targ. (Coccidae):					
<i>Cupressus</i> sp. (cypress) cone.....	France, Italy.....	2	-----	-----	Mass., N.Y.
<i>Diatraea magnifacella</i> Dyar (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane) node.....	Mexico.....	1	-----	-----	Tex.
<i>Dictelops furcatus</i> (F.) (Pentatomidae):					
<i>Vitis</i> sp. (grape).....	Argentina.....	1	-----	-----	La.
<i>Dicoeocoris punctiferalis</i> (Guen.) (Pyraustidae):					
<i>Pinus</i> sp. (5-needle pine) twig.....	Japan.....	-----	-----	1	Calif.*
<i>Dichromothrips corbeti</i> (Friesner) (Thripidae):					
<i>Vanda</i> 'Miss Joachim' (orchid).....	Hawaii.....	4	-----	-----	Hawaii.
<i>Diocalandra taitensis</i> (Guer.) (Curculionidae):					
<i>Cocos nucifera</i> (coconut).....	do.....	4	1	-----	Calif.,* Hawaii.
<i>Dolerus anthracinus</i> (Klug) (Tenthredinidae):					
Airplane.....	France.....	-----	1	-----	Ill.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
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<i>Drosicha howardi</i> (Kuw.) (Coccidae) (tentative): Rhododendron sp.	Japan	-----	-----	1	D.C.
<i>Drymaeus alternans</i> (Beck) (Bulimulidae): Bromeliad (plant)	Costa Rica, Honduras, Guatemala	-----	-----	2	Fla.
Orchid (plant)	-----	-----	-----	1	Tex.
<i>Drymaeus cuernavacensis</i> (Crosse & Fischer) (Bulimulidae): Orchid (plant)	Mexico	-----	-----	1	Tex.
<i>Drymaeus hegewischi</i> (Pfeiffer) (Bulimulidae): Bromeliad (plant)	do	-----	-----	2	Ariz., Tex.
<i>Drymaeus hepatostomus</i> (Pfeiffer) (?) (Bulimulidae): <i>Selaginella</i> sp. (plant)	do	-----	-----	1	Tex.
<i>Drymaeus heyneimanni</i> (Pfeiffer) (Bulimulidae): Orchid (plant)	do	-----	-----	1	Tex.
<i>Drymaeus multilineatus</i> (Say) (Bulimulidae): Orchid (plant)	Venezuela	-----	-----	1	Fla.
<i>Drymaeus rudis</i> (Anton) (Bulimulidae): Orchid (plant)	Mexico	-----	-----	1	Tex.
<i>Dyscinetus frater</i> Bates (Scarabaeidae): Quarters	do	-----	1	-----	Fla.
<i>Dyscinetus laetipunctatus</i> Bates (Scarabaeidae): Quarters	do	-----	1	-----	Fla.
<i>Dysdercus mimulus</i> Hussey (Pyrrhocoridae): Automobile	do	-----	2	-----	Tex.
Railway car	do	-----	1	-----	Tex.
<i>Dysdercus mimus</i> (Say) (?) (Pyrrhocoridae): Cargo (with bananas)	Ecuador	1	-----	-----	Fla.
<i>Dysdercus obliquus</i> (H.-S.) (?) (Pyrrhocoridae): Railway car	Mexico	-----	1	-----	Ariz.
<i>Dyspessa ulula</i> (Bkh.) (Cossidae): <i>Allium sativum</i> (garlic)	Spain	1	-----	-----	P.R.
<i>Earias insulana</i> (Bdv.) (Noctuidae): <i>Hibiscus esculentus</i> (okra) pod	Unknown	1	-----	-----	N.Y.
<i>Ectomyelois ceratoniae</i> (Zell.) (Phycitidae): <i>Annona reticulata</i> (custard-apple)	Jamaica	1	-----	-----	Fla.
<i>Barringtonia</i> sp. (pod)	Hawaii	3	-----	-----	Hawaii.
<i>Ceratonis siliqua</i> (carob) pod	Italy, Netherlands(?), Yugoslavia	5	-----	-----	N.Y.
<i>Citrus limon</i> (lemon)	Italy	-----	1	-----	N.Y.
<i>C. paradisi</i> (grapefruit)	do	1	-----	-----	Md.
<i>C. sinensis</i> (sweet orange)	Azores, Italy, Republic of South Africa, Spain, Union of Soviet Socialist Republics, unknown	2	8	-----	Fla., Mass., N.Y., N.C., Va.
<i>Cydonta oblonga</i> (quince)	Greece, Italy	2	-----	-----	N.Y.
<i>Ficus carica</i> (fig)	Italy	2	-----	-----	N.Y.
<i>Juglans</i> sp. (walnut)	Greece, Italy	5	-----	-----	N.Y., Wash.
Legume (pod)	Italy	1	-----	-----	N.Y.
<i>Prunus amygdalus</i> (almond)	Greece	1	-----	-----	N.J.
<i>Punica granatum</i> (pomegranate)	Greece, Italy	4	-----	-----	N.Y.
<i>Pyrus communis</i> (pear)	Italy	1	-----	-----	N.Y.
<i>Tamarindus indica</i> (tamarind) pod	Bahamas	1	1	-----	Fla.
<i>Ectomyelois phoea</i> (Durrant) (?) (Phycitidae): <i>Ficus carica</i> (fig) dried	Italy	1	-----	-----	N.Y.
<i>Elaphidion conspersum</i> Newm. (Cerambycidae): Airplane	Dominican Republic	-----	1	-----	P.R.
<i>Ephestia calidella</i> (Guen) (Phycitidae): <i>Capicum annuum</i> (pepper)	Italy	1	-----	-----	N.Y.
<i>Epichorista ionephela</i> (Meyr.) (Tortricidae): <i>Orthothylus thyrsoideus</i> (Cape chinkerichee)	Republic of South Africa	1	-----	-----	N.Y.
<i>Epilachna borealis</i> (F.) var. (Coccinellidae): <i>Musa paradisica</i> var. <i>sapientum</i> (banana)	Ecuador	2	-----	-----	Md., Tex.
<i>Epinotia aporema</i> (Wlsm.) (Olethreutidae): <i>Phaseolus vulgaris</i> cv. (string bean)	Mexico	1	1	-----	Tex.
<i>Epitraneus lactepennis</i> Cam. (Chalcididae): <i>Vanda</i> 'Miss Joachim' (orchid)	Hawaii	1	-----	-----	Hawaii.
<i>Eriophyes canstrinii</i> (Nal.) (Eriophyidae): <i>Buxus sempervirens</i> (boxwood)	England, Netherlands	3	2	-----	N.J., Wash.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Eriophyes leionotus</i> (Nal.) (Eriophyidae):					
<i>Betula coerulea</i> (blueleaf birch) leaf.....	Sweden.....	1			N.Y.
<i>Ethelema scbrina</i> Sharp (Colydiidae):					
Bromeliad (plant).....	Mexico.....			1	Tex.
<i>Eucalymnatus tessellatus</i> (Sign.) (Coccidae):					
<i>Gardenia</i> sp. (leaf).....	do.....	2			Tex.
Orchid (leaf).....	Dominica.....			1	Fla.
<i>Eucheira socialis</i> Westw. (Pieridae):					
<i>Arbutus menziesii</i> (Pacific madrone).....	Mexico.....	1			Tex.
<i>Euphyllura olivina</i> (Costa) (Psyllidae):					
<i>Olea europaea</i> (olive) branch.....	Italy.....	1			N.Y.
<i>Eurygaster integriceps</i> Puton (Pentatomidae):					
<i>Triticum aestivum</i> (wheat).....	Israel.....			1	N.Y.
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae):					
<i>Cattleya labiata</i> (orchid).....	Brazil.....			1	Fla.
<i>Cattleya</i> sp.....	Colombia, Hawaii, unknown.			4	Fla., Hawaii.
Orchid.....	Mexico.....			1	Calif.*
<i>Euscepes postfasciatus</i> (Fairm.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Brazil, Hawaii, Peru, Puerto Rico, Trini- dad.	2	3		Ala., Calif.,* Md., P.R.
<i>Eustrophinus marginatus</i> (Champ.) (Melandryi- dae):					
Orchid.....	Mexico.....			2	Tex.
<i>Euxoa bilitura</i> (Guen.) (Noctuidae):					
Airplane.....	Unknown.....		1		Fla.
<i>Everes comyntas</i> (Godt.) (Lycaenidae):					
<i>Phaseolus vulgaris</i> cv. (string bean).....	Mexico.....	4			Tex.
<i>Pisum sativum</i> (pea).....	do.....	1			Tex.
<i>Evergesteris forficatis</i> (L.) (Pyraustidae):					
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage).....	France, Germany, Italy.		6		N.Y., N.C.
<i>Erptochiamera albomaculata</i> (Dist.) (Lygaeidae):					
Orchid (plant).....	Guatemala, Mexico.....			3	Fla., Tex.
<i>Erptochiamera confusa</i> Barber (Lygaeidae):					
Orchid (plant).....	Mexico.....			1	Tex.
<i>Solanum melongena</i> (eggplant).....	do.....	1			Ariz.
<i>Erptochiamera formosa</i> (Dist.) (Lygaeidae):					
<i>Aloe vera</i> (true aloe).....	do.....			1	Tex.
<i>Philodendron hastatum</i>	do.....			1	Tex.
<i>Erptochiamera tumens</i> (Stal) (Lygaeidae):					
Bromeliad (plant).....	Canal Zone.....			1	Fla.
<i>Fiorinia theae</i> Green (Coccidae):					
<i>Camellia</i> sp. (leaf).....	Mexico.....	1			Tex.
<i>Forficula aetolica</i> Brunn. (Forficulidae):					
<i>Punica granatum</i> (pomegranate).....	Greece.....	1			N.Y.
<i>Forficula decipiens</i> Gene (Forficulidae):					
<i>Triticum aestivum</i> (wheat) straw jacket.....	France.....	1			N.J.
<i>Forficula senegalensis</i> Serv. (Forficulidae):					
Baggage.....	Africa (country(?)).....	1			Md.
<i>Frankliniella formosae</i> Mlt. (Thripidae):					
<i>Chrysanthemum morifolium</i> (florists chrysanthemum) cut flowers.....	Japan.....	16	2		Hawaii, Wash.
<i>Cyclamen</i> sp.....	do.....	1			Hawaii.
<i>Dianthus caryophyllus</i> (carnation).....	Formosa, Japan.....	19	4		Hawaii, Oreg., Wash.
<i>Disporum kawakamii</i> (fairybells)					
Flowers.....	Formosa.....			1	Wash.
	Formosa, Japan, unknown.	2	2		Wash.
<i>Gardenia</i> sp.....	Japan.....		1		Hawaii.
<i>Litchi chinensis</i> (lychee).....	Hong Kong.....	1			Hawaii.
<i>Oryza sativa</i> (rice).....	Okinawa.....	1			Hawaii.
<i>Pandanus</i> sp. (screwpine).....	American Samoa.....	1			Hawaii.
<i>Rosa</i> hybrid.....	Japan, Philippines.....	1	1		Hawaii.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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<i>Frankliniella intonsa</i> (Tryb.) (Thripidae):					
<i>Dianthus caryophyllus</i> (carnation).....	Germany, unknown.....	1	1	-----	N.Y., Wash.
Flowers.....	England, Iceland, unknown.....	1	2	-----	N.J., Pa., Wash.
<i>Gladiolus</i> hybrid (cut flowers).....	Israel.....	1	-----	-----	N.Y.
Nursery stock.....	Netherlands.....	-----	-----	1	N.J.
<i>Rosa</i> hybrid (rose).....	England, France, Germany, unknown, Yugoslavia, England.....	4	2	1	Mass., Mich., N.Y., Pa., Wash.
Soil with <i>Primula</i> sp. (plant).....	England.....	-----	-----	1	N.J.
<i>Frankliniella panamensis</i> Hood (Thripidae):					
<i>Zantedeschia aethiopica</i> (calla lily).....	Colombia.....	1	-----	-----	N.Y.
<i>Frankliniella schultzei</i> (Tryb.) (Thripidae):					
<i>Chrysanthemum</i> sp.....	Australia.....	1	-----	-----	Hawaii.
<i>Dianthus</i> sp.....	do.....	-----	1	-----	Hawaii.
<i>Frankliniella sulphurea</i> Schmutz (Thripidae):					
<i>Rosa</i> hybrid (cut flowers).....	Tahiti.....	1	-----	-----	Hawaii.
<i>Frankliniella tenuicornis</i> (Uzel) (Thripidae):					
Flowers.....	Unknown.....	-----	1	-----	Pa.
<i>Frankliniella williamsi</i> Hood (Thripidae):					
<i>Chrysanthemum</i> sp. (cut flowers).....	Mexico.....	1	-----	-----	Ariz.
Orchid (plant).....	do.....	-----	-----	1	Tex.
<i>Zea mays</i> (corn).....	do.....	2	-----	-----	Ariz., Tex.
<i>Fundella pellucens</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Jamaica, St. Kitts.....	2	-----	-----	Am. V.I., N.Y.
<i>Phaseolus vulgaris</i> cv. (string bean).....	Surinam.....	-----	1	-----	Fla.
<i>Pisum sativum</i> (pea).....	Puerto Rico.....	1	-----	-----	P.R.
<i>Vigna sinensis</i> (cowpea).....	do.....	1	-----	-----	P.R.
<i>Furcaspis oceanica</i> Ldgr. (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Eniwetok, Kwajalein, Marshall Islands, unknown.....	5	-----	-----	Hawaii.
<i>Galgupha punctifer</i> McA. & Mall. (Pentatomidae):					
Bromeliad (plant).....	Mexico.....	-----	-----	1	Tex.
<i>Galgupha quadrisignata</i> (Stal) (Pentatomidae):					
Bromeliad (plant).....	do.....	-----	-----	1	Tex.
Orchid (plant).....	Honduras.....	-----	-----	1	Fla.
<i>Genaparlatoria pseudaspidiolus</i> (Ldgr.) (Coccidae):					
Orchid.....	Singapore.....	-----	-----	1	Calif.*
<i>Vanda teres</i> (orchid).....	Formosa.....	-----	-----	1	Calif.*
<i>Vanda</i> sp.....	Hawaii.....	-----	-----	2	Calif.*
<i>Geotomus pygmaeus</i> (Dallas) (Cydnidae):					
Airplane.....	Tahiti.....	-----	1	-----	Hawaii.
<i>Alpinia purpurata</i>	Hawaii.....	1	-----	-----	Hawaii.
Baggage.....	do.....	1	-----	-----	Hawaii.
<i>Cordylone terminalis</i> (ti).....	do.....	-----	-----	1	Hawaii.
<i>Glycyphagus michaeli</i> Oud. (Glycyphagidae):					
<i>Malus sylvestris</i> (apple).....	Japan.....	1	-----	-----	Wash.
<i>Gnorimoschema borsaniella</i> Koehr. (Gelechiidae):					
<i>Capsicum annuum</i> (pepper).....	Peru.....	1	-----	-----	Fla.
<i>Gnorimoschema gudmannella</i> (Wism.) (Gelechiidae):					
<i>Capsicum annuum</i> (pepper).....	Mexico.....	6	-----	-----	Ariz., Calif., Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1	-----	-----	Tex.
<i>Gnorimoschema ocellatella</i> (Boyd) (Gelechiidae):					
<i>Beta vulgaris</i> (beet).....	United Arab Republic.....	-----	3	-----	Pa.
<i>B. vulgaris</i> var. <i>cicla</i> (Swiss chard).....	Italy.....	-----	1	-----	N.Y.
Stores.....	do.....	-----	1	-----	N.Y.
<i>Gnorimoschema plaesiosema</i> (Turner) (Gelechiidae):					
<i>Solanum tuberosum</i> (potato).....	Peru.....	1	-----	-----	Fla.
<i>Goniogaster carticolor</i> Mayr (Torymidae):					
<i>Ficus</i> sp. (wild fig).....	Ethiopia.....	1	-----	-----	N.Y.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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Pest and host	Country of origin	Number of inter- ceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Gonocerus insidiator</i> (F.) (Coreidae):					
<i>Mimosa</i> sp. (blooms).....	France.....	1			N.Y.
<i>Gortyna flavago</i> (Schiff.) (Noctuidae):					
<i>Cynara cardunculus</i> (cardoon) stem.....	Italy.....	1			Md.
<i>Gracilaria azalea</i> Brants (Gracilariidae):					
<i>Rhododendron</i> sp. (azalea) leaf.....	Belgium, Netherlands.....			3	N.Y.
<i>Grapholitha funebrana</i> (Treit.) (Olethreutidae):					
<i>Prunus domestica</i> (plum).....	Czechoslovakia, Poland.....	2			N.Y.
<i>Grapholitha janthiana</i> (Dup.) (Olethreutidae):					
<i>Malus sylvestris</i> (apple).....	Hungary.....	1			N.Y.
<i>Grapholitha packardii</i> Zell. (Olethreutidae):					
<i>Cydonia oblonga</i> (quince).....	Mexico.....	1			Tex.
<i>Gymnandrosoma aurantianum</i> Costa Lima (Olethreutidae):					
<i>Citrus sinensis</i> (sweet orange).....	Colombia, unknown.....		2		Md., N.Y.
<i>Gymnococcus agavium</i> (Doug.) (Coccidae):					
Cactus (plant).....	Mexico.....			1	N.Y.
<i>Haplothrips aculeatus</i> (F.) (Phlaeothripidae):					
Flowers.....	Iceland.....		1		N.J.
Packing (with <i>Aphelandra</i> sp. cuttings).....	Denmark.....			1	N.Y.
Plant material (dried).....	Poland.....	1			Ill.
<i>Haplothrips clarisetis</i> Priesner (?) (Phlaeothripidae):					
<i>Portulaca oleracea</i> (purslane).....	Mexico.....	1			Tex.
<i>Haplothrips cottei</i> (Vuillet) (Phlaeothripidae):					
<i>Dianthus caryophyllus</i> (carnation).....	Portugal.....	2			N.Y.
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae):					
<i>Aster</i> sp.....	Australia.....		1		Hawaii.
<i>Chrysanthemum</i> sp.....	Australia, Japan.....	1	1		Hawaii, Wash.
Flowers.....	Guadeloupe, Haiti, Japan.....	4			Fla., P.R., Wash.
<i>Helichrysum</i> sp. (everlasting flower).....	Formosa.....	1			Hawaii.
<i>Hibiscus</i> sp.....	Okinawa.....	1			Hawaii.
<i>Molucella laevis</i> (bell of Ireland).....	Haiti.....	1			Fla.
<i>Nerine</i> sp. (cut flowers).....	Republic of South Africa.....	1			N.Y.
Orchid.....	Mexico.....			1	Hawaii.
<i>Ornithogalum</i> sp. (chinkerichee).....	Republic of South Africa.....		1		N.Y.
<i>Pollanthes tuberosa</i> (tuberosa).....	Tahiti.....	1			Hawaii.
<i>Harmolita ips</i> (Wlk.) (Eurytomidae):					
Straw (packing).....	France.....	1			Ga.
<i>Helicella candidula</i> (Studer) (Helicellidae):					
Soil.....	Italy.....	1			N.Y.
<i>Helicella caperata</i> (Montagu) (Helicellidae):					
Herbs (dry).....	Cuba.....	1			Fla.
<i>Impatiens balsamina</i> (garden balsam) seed.....	England.....			1	N.Y.
<i>Helicella cespitum</i> (Draparnaud) (Helicellidae):					
Military cargo.....	Spain.....	2			La., N.Y.
<i>Helicella conspurcata</i> (Draparnaud) (Helicellidae):					
<i>Laurus nobilis</i> (Grecian laurel).....	Italy.....			1	N.Y.
Military cargo.....	Italy, Spain.....	3			Del., La., Tex.
Soil with <i>Ailanthus</i> sp. and unidentified plant.....	Italy.....			2	N.Y.
<i>Helicella derbentina</i> Andr. (Helicellidae):					
Military cargo.....	Turkey.....	3			La., N.Y.
<i>Helicella itala</i> (L.) (Helicellidae):					
<i>Cichorium endivia</i> (endive).....	Italy.....		1		N.Y.
<i>C. intybus</i> (escarole).....	do.....		1		N.Y.
<i>Lactuca sativa</i> (lettuce).....	do.....		1		N.Y.
<i>Cotinus coggygria</i> (common smoke tree) seed.....	do.....			1	N.J.
<i>Helicella maritima</i> (Draparnaud) (Helicellidae):					
Military cargo.....	Greece, Spain.....	6			Del., N.Y., S.C., Tex.
<i>Mirabilis jalapa</i> (common four-o'clock) seed.....	France.....			1	Pa.
<i>Rosa</i> hybrid.....	do.....	2			N.Y.
<i>Thymus</i> sp. (thyme) plant.....	Italy.....			1	N.Y.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Helicella neglecta</i> (Draparnaud) (Helicellidae):					
Military cargo	Spain, Turkey	4			La., N.Y.
<i>Helicella protea</i> Ziegler (Helicellidae):					
Military cargo	Turkey	1			N.Y.
<i>Helicella pyramidata</i> (Draparnaud) (Helicellidae):					
<i>Ficus carica</i> (fig)	Italy	1			N.Y.
Military cargo	Greece	1			La.
<i>Stipa tenacissima</i> (esparto needlegrass)	Italy	1			Mich.
<i>Vicia faba</i> (broadbean)	do	1			N.Y.
<i>Helicella striata</i> (Müller) (Helicellidae):					
Military cargo	Azores, France, Greece, Italy, Spain, Turkey, unknown.	18			La., N.Y., S.C., Tex., Va.
<i>Onobrychis viciaefolia</i> 'Montana' (seed)	Spain			1	D.C.
<i>Opuntia humifusa</i> (pricklypear)	Italy	1			N.Y.
<i>Rosa</i> hybrid	France	1			N.Y.
Soil with <i>Laurus nobilis</i> and unidentified plants.	Italy			4	N.Y.
<i>Stipa tenacissima</i> (esparto needlegrass)	do	1			Mich.
<i>Helicella trochoides</i> (Polret) (Helicellidae):					
<i>Clematis</i> hybrid (seed)	do			1	N.J.
<i>Helicella variabilis</i> (Draparnaud) (Helicellidae):					
Automobile	France	1			Md.
Baggage	Italy	1			N.Y.
Cargo (with iron pipes)	Spain	1			La.
Military cargo	Spain, Turkey	5			N.Y.
<i>Mirabilis jalapa</i> (common four-o'clock) seed	France			1	Pa.
<i>Onobrychis viciaefolia</i> (sainfoin) seed	Italy			1	N.Y.
<i>Helicella virgata</i> (DaCosta) (Helicellidae):					
Military cargo	Spain	1			N.Y.
<i>Helicina durangoana</i> Mousson(?) (Helicinidae):					
Orchid (plant)	Mexico			1	Tex.
<i>Helicina neritella</i> Lamarck (Helicinidae):					
Orchid (plant)	Jamaica			3	Fla.
<i>Helicina oweniana</i> Pfeiffer(?) (Helicinidae):					
Bromeliad (plant)	Mexico			1	Tex.
<i>Helicina substriata</i> Gray (Helicinidae):					
Orchid (pseudobulb)	Cayman Islands			1	Fla.
<i>Helicina zephyrina</i> Duclos (Helicinidae):					
Bromeliad (plant)	Mexico			2	Tex.
<i>Chamaedorea elegans</i> (palm) seed	do			1	Tex.
<i>Heliothis armigera</i> (Hbn.) (Noctuidae):					
<i>Dianthus caryophyllus</i> (carnation)	Unknown		1		N.Y.
<i>Helix aperta</i> Born (Helicidae):					
<i>Beta vulgaris</i> (beet)	Italy		1		N.Y.
<i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower)	Germany, Italy		2		N.Y., Tex.
<i>B. oleracea</i> var. <i>capitata</i> (cabbage)	Italy		3		N.Y., S.C.
Military cargo	do	1			Va.
<i>Rosmarinus</i> sp. (rosemary)	do			1	N.Y.
<i>Helix aspersa</i> Müller (Helicidae):					
Automobile	France	1			Tex.
Baggage (brought as food)	Greece, Italy	3			Ill., Mass.
<i>Beta vulgaris</i> (beet)	Azores		1		Pa.
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage)	Azores, France, Peru		4		Ala., N.Y., P.R.
<i>Castanea</i> sp. (chestnut)	Spain	1			Pa.
<i>Citrus reticulata</i> (Mandarin orange)	Azores		2		Pa.
Flowers	Haiti	1			Fla.
<i>Lactuca sativa</i> (lettuce)	Azores, France, Italy		6		N.Y.
Military cargo	Italy, Spain	2			La., Va.
Orchid (plant)	Mexico			1	Tex.
Palm	do			1	Ariz.
<i>Pelargonium</i> sp. (geranium) plant	do			1	Calif.
Stores	Algeria, Portugal, unknown.		5		Am. V.I., Fla., Mich.
<i>Helix cincta</i> Muller (Helicidae):					
Baggage (brought as food)	Greece	1			Mich.
<i>Helix leucorum</i> L. (Helicidae):					
Mail (as food)	Italy	1			N.Y.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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Pest and host	Country of origin	Number of in- terceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Helix pomatia</i> L. (Helicidae):					
Mail (as food).....	Austria.....	1			N.Y.
Stores.....	Algeria.....		1		Am. V.I
<i>Hemirochus androsi</i> (Dall) (Helminthoglyp- tidae):					
<i>Lycopersicon esculentum</i> (tomato) plant.....	Bahamas.....			1	Fla.
Orchid (plant).....	do.....			2	Fla.
<i>Hemirochus streatori</i> Pilsbry (Helminthoglyp- tidae):					
Orchid (plant).....	Cayman Islands.....			1	Fla.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostri- chidae):					
Wood (crate).....	Ceylon, Indonesia.....	3	1		Calif.,* Md. N.Y.
<i>Heterogenea asella</i> (Schiff.) (Limacodidae):					
<i>Castanea</i> sp. (chestnut) leaf.....	Italy.....		1		N.Y.
<i>Heterotermes converzotatus</i> (Snyder) (Rhino- termitidae):					
<i>Manihot esculenta</i> (cassava).....	Guatemala.....			1	Fla.
<i>Orbignya cohune</i> (cohune palm) nut.....	Mexico.....	1			Ariz.
Orchid (plant).....	Brazil.....			1	N.Y.
<i>Pinus</i> sp. (pine) stump.....	British Honduras.....	1			La.
<i>Heterotermes maculatus</i> Light (Rhino- termitidae):					
<i>Citrullus vulgaris</i> (watermelon).....	Mexico.....	1			Tex.
<i>Hippotion echeclus</i> (Bdv.) (Sphingidae):					
Airplane.....	Southwest Pacific.....		1		Hawaii.
<i>Hispa atra</i> L. (Chrysomelidae):					
<i>Allium porrum</i> (leek).....	Spain.....		1		N.Y.
<i>Homothrips distinctus</i> Bagn. (Thripidae):					
<i>Protea</i> sp. (cut flowers).....	Republic of South Africa.....	1			N.Y.
<i>Hoterodes ausonia</i> (Cram.) (Pyraustidae):					
Cargo.....	Ecuador.....	1			Fla.
<i>Hygromia cinctella</i> (Draparnaud) (Helicellidae):					
Military cargo.....	Italy.....	1			La.
<i>Mirabilis jalapa</i> (common four-o'clock) seed.....	France.....			1	Pa.
<i>Iridomyrmex iniquus</i> Mayr (Formicidae):					
Bromeliad (plant).....	Guatemala.....			1	Tex.
<i>Cynoches</i> sp. (swanorchid).....	do.....			1	Fla.
Orchid (plant).....	do.....			4	Fla., Tex.
<i>Iridomyrmex pilifer</i> Mayr (Formicidae):					
Orchid (plant).....	Colombia.....			1	N.Y.
<i>Iridothrips iridis</i> (Wats.) (Thripidae):					
<i>Iris</i> hybrid (leaf).....	England.....			1	N.J.
<i>Jadera rufosusca</i> Barber (Coreidae):					
<i>Citrullus vulgaris</i> (watermelon).....	Puerto Rico.....	1			P.R.
<i>Jadera sanguinolenta</i> (F.) (Coreidae):					
Orchid (plant).....	Mexico.....			1	Fla.
<i>Jennneretia multistriata</i> (Deshayes) (Helminthog- lyptidae):					
Orchid (plant).....	Cuba.....			1	Fla.
<i>Kaloterms synderi</i> Light (Kalotermitidae):					
Military cargo.....	do.....	1			S.C.
<i>Kuwanina parva</i> (Mask.) (Coccidae):					
<i>Prunus</i> sp. (bark).....	Japan.....	1			Wash.
<i>Lamellaxis gracilis</i> (Hutton) (Achatinidae):					
Bromeliad (plant).....	Peru.....			1	Fla.
Herbs (dried).....	Cuba.....	1			Fla.
Orchid (plant).....	Aruba, Venezuela.....			2	Fla., La.
Soil with <i>Dieffenbachia</i> sp. (plant).....	Puerto Rico.....			1	Pa.
<i>Lamellaxis micra</i> (Orbigny) (Achatinidae):					
Orchid (plant).....	Mexico.....			1	Tex.
<i>Lampides boeticus</i> (L.) (Lycaenidae):					
<i>Canavalia microcarpa</i> (mauna loa) lei.....	Hawaii.....	5	1		Calif.,* Hawaii.
<i>Pisum sativum</i> (pea).....	Japan.....		3		Md., Wash.
<i>Sesbania grandiflora</i> (agati sesbania).....	Hawaii.....	1			Hawaii.
<i>Largus affinis</i> Dist. (?) (Pyrrhocoridae):					
Orchid (plant).....	British Honduras.....				Fla.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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<i>Laspeyresia araucaria</i> Pastrana (Olethreutidae):					
<i>Araucaria angustifolia</i> (Parana araucaria).....	Argentina.....			1	D.C.
<i>A. excelsa</i> (Norfolk-Island-pine).....	Brazil.....	1		1	N.Y.
<i>Araucaria</i> sp. (seed).....	do.....			1	Fla.
<i>Laspeyresia nigricana</i> (Steph.) Olethreutidae:					
<i>Pisum sativum</i> (pea).....	England, Italy.....	1	1		N.Y.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae):					
<i>Castanea sativa</i> (European chestnut).....	Czechoslovakia, France, Greece, Italy, Portugal, Spain, unknown.	54	2	1	Md., Mass., N.J., N.Y.
" <i>Lecanium</i> " <i>catori</i> Green (Coccidae) (tentative):					
<i>Cola acuminata</i> (colanut).....	Nigeria.....	1			N.Y.
<i>Lecanium corni</i> Bouche (Coccidae):					
<i>Philadelphus coronarius</i> (sweet mockorange)....	Canada.....			1	N.J.
<i>Ribes</i> sp.....	Germany.....			1	N.J.
<i>Lecanium persicae</i> (F.) (Coccidae) (tentative):					
<i>Daphne</i> sp. (leaf).....	Australia.....	1			Hawaii.
<i>Lecanium rufulum</i> (Ckll.) (Coccidae):					
Twig—unidentified.....	Spain.....	1			Mass.
<i>Lepidosaphes carinata</i> (Ckll.) (Coccidae):					
<i>Beaucarnea</i> sp.....	Mexico.....			1	Tex.
<i>Lepidosaphes celtis</i> Kuw. (Coccidae):					
<i>Dracaena</i> sp.....	Japan.....			1	Wash.
<i>Lepidosaphes conchiformoides</i> Borehs. (Coccidae):					
<i>Diospyros kaki</i> (kaki persimmon).....	do.....	1			Hawaii.
<i>Lepidosaphes crotonis</i> (Ckll.) (Coccidae):					
<i>Malvaviscus arboreus</i> (South American wax-mallow).	Cuba.....			1	D.C.
<i>Lepidosaphes esakii</i> Tak. (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Kwajalein.....	1			Hawaii.
<i>Lepidosaphes ficus</i> (Sign.) (Coccidae):					
<i>Ficus carica</i> (fig).....	Italy.....			1	N.J.
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae):					
<i>Cactus</i> (plant).....	Mexico.....			3	Tex.
<i>Cephalocereus</i> sp. (cactus) plant.....	do.....			1	Tex.
<i>Pachycereus</i> sp. (cactus) plant.....	do.....			1	Tex.
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae):					
<i>Codiaeum variegatum</i> (croton).....	Hawaii, Panama.....	10		4	Calif., * Fla., Hawaii.
<i>Codiaeum</i> sp.....	American Virgin Islands, Canal Zone, Hawaii, Panama.	15		6	Fla., Hawaii, N.Y.
<i>Lepidosaphes tuberculata</i> Mal. (Coccidae):					
<i>Gymbidium</i> sp. (orchid).....	Hong Kong.....			1	Hawaii.
<i>Lepidosaphes tubulorum</i> Ferris (Coccidae):					
<i>Mangifera indica</i> (mango).....	Philippines.....	1			Hawaii.
<i>Leucania irregularis</i> (Wlk.) (Noctuidae):					
Airplane.....	Johnston Island.....			1	Hawaii.
<i>Leucaspis pusilla</i> Loew (Coccidae):					
<i>Pinus</i> sp. (pine) twig.....	Jordan.....	1			Mass.
Soil.....	do.....	1			Mass.
<i>Leucinodes orbonalis</i> Guen. (Pyraustidae):					
<i>Solanum melongena</i> (eggplant).....	West Africa.....			2	Mass.
<i>Leucoptera coffeella</i> G.-M. (Lyonetiidae):					
<i>Coffea arabica</i> (Arabian coffee) leaf.....	Brazil, Mexico.....	3	1		Fla., Tex.
<i>Leucoptera scitella</i> (Zell.) (Lyonetiidae):					
<i>Malus sylvestris</i> (apple).....	England, Italy.....			3	Fla., Md., N.C.
<i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaeidae):					
<i>Agave</i> sp. (plant).....	Mexico.....			1	Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Calif.
<i>Ligyrocoris nitidicollis</i> (Stal) (Lygaeidae):					
Automobile.....	Mexico.....			1	Tex.
<i>Limax flavus</i> L. (Limacidae):					
<i>Rosa</i> hybrid.....	Greece.....			1	N.Y.
<i>Limax marginatus</i> Müller (Limacidae):					
<i>Allium porrum</i> (leek).....	Italy.....			1	N.Y.
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage).....	Azores.....			1	N.Y.
<i>Bromeliad</i> (plant).....	Costa Rica.....			1	Fla.
<i>Colocasia esculenta</i> (dasheen).....	Azores.....	1			N.Y.
<i>Echinodorus</i> sp. (burhead).....	Peru.....			1	Fla.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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		Consumption	Nonentry	Propagation	
<i>Limax marginatus</i> —Continued					
<i>Juniperus</i> sp. (juniper) dwarf tree	Japan			1	Hawaii.
<i>Lactuca sativa</i> (lettuce)	Azores		2		N.Y.
Orchid (plant)	Colombia, Costa Rica, Mexico.			6	Fla., Tex.
<i>Peperomia</i> sp.	Mexico			1	Tex.
<i>Limothrips consimilis</i> Priesner (Thripidae):					
<i>Stipa tenacissima</i> (esparto needlegrass)	Italy	1			Md.
<i>Limothrips denticornis</i> (Hal.) (Thripidae):					
<i>Iris variegata</i> (Hungarian iris)	Czechoslovakia			1	N.J.
Nursery stock	Netherlands			1	N.J.
Plant material (dry)	Poland	1			Ill.
<i>Liogenys macropelma</i> Bates (Scarabaeidae):					
Airplane	Panama, South America (country(?)).		3		Fla., P.R.
<i>Lixus junci</i> Boh. (Curculionidae):					
<i>Beta vulgaris</i> (beet)	United Arab Republic		1		Pa.
<i>Lobesia botrana</i> (Schiff.) (Olethreutidae):					
<i>Vitis</i> sp. (grape)	England, Italy, Lebanon.	6			N.Y.
<i>Loxostege amitina</i> (Btlr.) (Pyraustidae):					
<i>Prunus persica</i> var. <i>nectarina</i> (nectarine)	Chile	1			N.Y.
<i>Loxostege bifidalis</i> (F.) (Pyraustidae):					
<i>Brassica</i> sp. (mustard)	Mexico	1			Tex.
<i>Loxostege similalis</i> (Guen.) (Pyraustidae):					
<i>Chamaedorea elegans</i> (palm)	do.	1			Tex.
<i>Lyctus africanus</i> Lesne (Lyctidae):					
Bamboo (stakes for flowers)	Japan	1			D.C.
<i>Glycyrrhiza glabra</i> (licorice) stem and root	Pakistan, Sudan	2			Calif.,* Md.
Wood (processed lumber)	India	1			N.Y.
<i>Lyctus brunneus</i> (Steph.) (Lyctidae):					
Cargo (boxes of live animals)	Colombia	1			Fla.
<i>Lygaeus cruentatus</i> Dist. (Lygaeidae):					
Cargo	Ecuador	2			Fla.
<i>Lygaeus modestus</i> Stal (Lygaeidae):					
Cargo	do.	1			Fla.
<i>Lygaeus superbus</i> (Pollich) (Lygaeidae):					
Military cargo (crate)	Spain	1			Tex.
<i>Lygaeus teapensis</i> Dist. (Lygaeidae):					
Automobile	Mexico		1		Tex.
<i>Lygus lineolaris</i> (Palis.) (Miridae):					
<i>Chrysanthemum</i> sp. (cut flowers)	do.	2			Ariz.
<i>Lygus rugulipennis</i> Poppius (Miridae):					
<i>Calluna vulgaris</i> (heather)	Germany			1	N.Y.
<i>Rhododendron</i> sp. (azalea)	England			1	N.J.
<i>Macrodera microptenum</i> Curtis (Lygaeidae):					
Soil with <i>Calluna vulgaris</i> (heather)	do.			1	Ill.
<i>Macrosclytus brunneus</i> (F.) (Pentatomidae):					
<i>Gladiolus</i> hybrid (cut flowers)	Israel	1			N.Y.
<i>Matalochinus foveipennis</i> (Jac.) (Chrysomelidae):					
Orchid (plant)	Honduras			1	Fla.
<i>Marasma brassicae</i> (L.) (Noctuidae):					
<i>Beta vulgaris</i> var. <i>cicla</i> (Swiss chard)	Italy		1		N.Y.
<i>Brassica chinensis</i> (Chinese cabbage)	Japan		2		N.Y.
<i>B. oleracea</i> var. <i>botrytis</i> (cauliflower)	France, Italy		2		N.Y., Tex.
<i>B. oleracea</i> var. <i>capitata</i> (cabbage)	France, Italy, Netherlands		9		N.Y.
<i>Lactuca sativa</i> (lettuce)	Germany		1		N.Y.
<i>L. sativa</i> var. <i>longifolia</i> (romaine lettuce)	France		1		N.Y.
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
<i>Cajanus cajan</i> (pigeonpea)	Dominican Republic, Grenada, Puerto Rico.	8			Ill., N.Y., P.R.
<i>Canavalia microcarpa</i> (mauna loa)	Hawaii	12		1	Calif.,* Hawaii.
<i>Dolichos lablab</i> (hyacinth bean)	Trinidad	2			N.Y.
<i>Phaseolus vulgaris</i> cv.. (string bean)	Brazil, Japan, Puerto Rico, Surinam.	14	4		Fla., N.Y., P.R., Wash.
<i>Phaseolus</i> sp.	Angola		1		N.Y.
<i>Sesbania grandiflora</i> (agati sesbania)	Hawaii	4			Hawaii.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
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<i>Maruca testulalis</i> —Continued					
<i>Sesbania</i> sp. (lel).....	Hawaii.....	1			Hawaii.
<i>Strongyloclon macrobotrys</i>	Philippines.....	1			Hawaii.
<i>Matsumuraea phaseoli</i> (Mats.) (Olethreutidae):					
<i>Phaseolus vulgaris</i> cv. (string bean).....	Japan.....		3		Calif., * Wash.
<i>Mecolaemus carvalhoi</i> (Costa Lima) (Miridae):					
Bromeliad (leaf).....	Peru.....			1	Fla.
<i>Megacerus alternatus</i> Bridw. (Bruchidae):					
<i>Ipomoea</i> sp. (?) (morningglory) seed.....	Hawaii.....			1	Calif.*
<i>Megachile concinna</i> Sm. (Megachilidae):					
Airplane.....	Dominican Republic.....		4		Fla., P.R.
<i>Megacyllene spinifera</i> (Newm.) (Cerambycidae):					
Logs—unidentified.....	Argentina.....	1			N.Y.
<i>Megalotomus rufipes</i> (Westw.) (Coreidae):					
Quarters (ship).....	Puerto Rico(?).....		1		Ala.
<i>Megasoma elephas</i> (F.) (Scarabaeidae):					
Cargo.....	Peru(?).....	1			Fla.
<i>Megastigmus pistaciae</i> Wlk. (Torymidae):					
<i>Pistacia</i> sp. (pistache) nut.....	Afghanistan.....	1			N.Y.
<i>Megastigmus strobilobius</i> Ratz. (Torymidae):					
<i>Picea glauca</i> (white spruce) seed.....	Denmark.....			1	N.J.
<i>Megastigmus suspectus</i> Borries (Torymidae):					
<i>Abies</i> sp. (fir).....	Turkey.....			1	D.C.
<i>Melanaethus planifrons</i> Froeschner (Pentatomidae):					
<i>Cucumis melo</i> (muskmelon).....	Mexico.....	1			Ariz.
<i>Melolontha melolontha</i> (L.) (Scarabaeidae):					
Airplane.....	France, Switzerland.....		5		Alaska, N.Y.
<i>Membracis mexicana</i> Guerin (Membracidae):					
Cargo.....	Costa Rica.....	1			Fla.
<i>Fragaria</i> sp. (strawberry).....	Mexico.....	1			N.Y.
<i>Mesapamea scalis</i> (L.) (?) (Noctuidae):					
Airplane.....	Ireland.....		1		Mass.
<i>Mesopelia orientalis</i> Kirkaldy (Mesoveliidae):					
Airplane.....	Philippines(?).....		1		Hawaii.
<i>Metamasius hemipterus sericeus</i> (Ol.) (Curculionidae):					
<i>Musa paradisiaca</i> var. <i>sapientum</i> (banana).....	Ecuador.....	27			Ala., Fla., La., N.Y., Tex.
<i>Metopoplax ditomoides</i> (Costa) (Lygaeidae):					
Gramineae (stem).....	Morocco.....	1			N.J.
<i>Micrarionta stearnsiana</i> (Gabb) (Helmithoglyptidae):					
<i>Dudleya</i> sp.....	Mexico.....			1	Calif.
" <i>Microporus</i> " <i>nigritus</i> (F.) (Pentatomidae):					
<i>Fragaria</i> sp. (strawberry) plant.....	France.....			1	N.Y.
<i>Milax gagates</i> (Draparnaud) (Limacidae):					
<i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower).....	Netherlands.....		1		Pa.
<i>B. oleracea</i> var. <i>capitata</i> (cabbage).....	Azores, England.....		2		N.Y.
<i>Mimosestes sallaei</i> (Sharp) (Bruchidae):					
<i>Caesalpinia coriaria</i> (divi-divi) pod.....	Dominican Republic, Haiti.....	2			Md.
<i>Minthea rugicollis</i> (Wlk.) (Lyctidae):					
Bamboo (slat).....	India.....	1			Md.
Wood—unidentified (cage and crates).....	Ceylon, Colombia, India.....	4			Calif., * Fla., Md., Mass.
<i>Monacha cantiana</i> (Montagu) (Helicellidae):					
Plants—unidentified.....	Germany.....			1	N.J.
<i>Monacha carthusiana</i> (Müller) (Helicellidae):					
<i>Onobrychis viciaefolia</i> (sainfoin) seed.....	Italy.....			1	N.Y.
<i>Monacha olivieri</i> (Fer.) (Helicellidae):					
Military cargo (conex box).....	Turkey.....	2			N.Y.
<i>Monanthia monotropidia</i> Stal (Tingidae):					
Bromeliad.....	Mexico.....			1	Tex.
<i>Monomorium destructor</i> (Jerd.) (Formicidae):					
<i>Alpinia purpurata</i>	American Samoa.....	1			Hawaii.
Food.....	Bahamas, Hong Kong, Philippines.....	3			Fla., Ga.
Mail package (woven basket).....	Hawaii.....	1			Hawaii.
Orchid (flower and plants).....	Ecuador, Federation of Malaya, India.....	1		2	Fla., Mich., N.Y.
<i>Tulipa</i> hybrid (bulb).....	Japan.....			1	N.Y.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Monophadnoides alternipes</i> (Klug) (Tenthredinidae):					
Plant—unidentified	Netherlands			1	N.Y.
<i>Moodna bisinuella</i> Hamp. (Phycitidae):					
<i>Zea mays</i> (corn)	Mexico	1			Tex.
<i>Morganella longispina</i> (Morg.) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)	Tahiti		3		Calif.*
<i>C. grandis</i> (pummelo)	do		1		Calif.*
<i>C. paradisi</i> (grapefruit)	do	3	1		Calif.*
<i>C. sinensis</i> (sweet orange)	Fiji, Japan, Tahiti		4		Calif.*
<i>Orania aruensis</i> (palm)	Indonesia			1	D.C.
<i>Mormidea pictiventris</i> Stal (Pentatomidae):					
Orchid (plant)	British Honduras, Mexico			5	Fla., Tex.
<i>Mumetopia nigrimana</i> Coq. (Anthomyzidae):					
Airplane	Nicaragua		1		P.R.
<i>Myodocha longicollis</i> Stal (Lygaeidae):					
Orchid (plant)	Mexico			1	Tex.
<i>Myzaphis turanica</i> Nevsky (Aphidae):					
<i>Rosa</i> hybrid (cut flowers)	Israel	1			N.Y.
<i>Myzus ascalonicus</i> Donc. (Aphidae):					
<i>Allium cepa</i> (onion)	England			1	N.Y.
<i>Allium</i> sp.	Netherlands			1	N.J.
<i>Anemone</i> sp. (cut flowers)	France, Germany	2			N.Y.
<i>Rosa</i> hybrid (cut flowers)	Netherlands	1			N.Y.
<i>Viola</i> sp. (violet) cut flowers	Germany	1			Calif.*
<i>Nanaguna breviscula</i> Wlk. (Noctuidae):					
Airplane	Philippines(?)		1		Hawaii.
<i>Nasutitermes corniger</i> (Motsch.) (Termitidae):					
<i>Dalbergia</i> sp. (rosewood) log	Brazil	1			La.
Orchid (plant)	Canal Zone, Honduras			2	Fla.
<i>Nasutitermes dendrophilus</i> (Desn.) (Termitidae):					
<i>Musa paradisica</i> var. <i>sapientum</i> (banana)	Ecuador	1			Fla.
<i>Nasutitermes ephratae</i> (Holmgr.) (Termitidae):					
Bromeliad	Canal Zone			1	Fla.
Debris	Panama	1			Md.
Orchid (plant)	Honduras			1	Fla.
<i>Yucca</i> sp.	Dominican Republic	1			N.Y.
<i>Nasutitermes exitiosus</i> (Hill) (Termitidae):					
Food (for bird)	Australia	1			Hawaii.
<i>Nasutitermes mexicanus</i> Light (Termitidae):					
Cargo (with cactus plant)	Mexico			1	Ariz.
<i>Nasutitermes nigriceps</i> (Hald.) (Termitidae):					
Bromeliad (plant)	Jamaica			1	Fla.
Orchid (plant)	British Honduras			3	Fla.
<i>Nasutitermes rippertii</i> (Rambur) (Termitidae):					
Baggage	Bahamas	1			Bahamas.
Orchid (plant)	do			1	Fla.
<i>Neodoxoplatus saileri</i> Kormilev (Pentatomidae):					
Bamboo (log)	Mexico	1			Tex.
<i>Neoclytus acuminatus</i> (F.) (Cerambycidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
Cargo (with pottery)	do	1			Tex.
<i>Neocyclotus dysoni cookei</i> (Bartsch & Morrison) (Cyclophoridae):					
Palm	Guatemala			1	Tex.
<i>Neoteucinodes elegantalis</i> (Guen.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	24			Tex.
<i>Solanum melongena</i> (eggplant)	Brazil	1			Fla.
<i>S. quitoense</i> (maranjilla)	Colombia	1			Fla.
<i>Neolobophora inopinata</i> (Burr) (Forficulidae):					
Orchid (plant)	Guatemala			1	Fla.
<i>Nephotettix apicalis</i> (Motsch.) (Cicadellidae):					
Airplane	Philippines(?), unknown		3		Hawaii.
<i>Nesoecia nigrispina</i> (Stal) (Tettigonidae):					
Orchid (plant)	British Honduras			1	Fla.
<i>Nipponaclerda biwakoensis</i> (Kuw.) (Coccidae):					
<i>Phragmites communis</i> (common reed) stem	Japan	2			Calif.,* Hawaii.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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		Consumption	Nonentry	Propagation	
<i>Nomophila noctuella</i> (D. & S.) (Pyraustidae): Airplane	Unknown, Venezuela		2		Hawaii, P.R.
<i>Nothorhina muricata</i> (Dalrn.) (Cerambycidae): Wood (crate of marble)	Portugal	1			Calif.*
<i>Nystius coenosulus</i> Stal (Lygaeidae): Airplane	Hawaii		1		Hawaii.
<i>Gardenia jasminoides</i> (L.)	do.	1			Hawaii.
<i>Nystius kingbergi</i> Usinger (Lygaeidae): <i>Vanda</i> 'Miss Joachim' (orchid) flower	do.	1			Hawaii.
<i>Nystius tenellus</i> Barber (Lygaeidae): <i>Chrysanthemum</i> sp. (cut flowers)	Mexico	2			Ariz., Tex.
<i>Oechlerus marginatus</i> (Latr.) (Ochteridae): Fish meal (residue)	Republic of South Africa		1		Fla.
<i>Odonaspis saccharicaulis</i> (Zehnt.) (Coccidae): Bulb—unidentified	Cuba			1	Fla.
<i>Oechalia schellenbergi</i> (Guerin) (Pentatomidae): Airplane	Japan(?)		1		Hawaii.
<i>Ofatulena duodecimstriata</i> (Wlsm.) (Olethreutidae): <i>Prosopis glandulosa</i> (honey mesquite) pod	Mexico	1			Tex.
<i>Ogdocoستا guttifera</i> Boh. (Chrysomelidae): Orchid (plant)	Bahamas			1	Fla.
<i>Oligonychus perditus</i> P. & B. (Tetranychidae): <i>Juniperus</i> sp. (juniper) dwarf tree	Japan			2	Wash.
<i>Onthophagus taurus</i> (Schr.) (Scarabaeidae): Automobile	Azores	1			S.C.
<i>Opeus pyrgula</i> Schmacker & Boettger (Achatinidae): Orchid (plant)	British Honduras			1	Tex.
<i>Opisthograptis luteolata</i> (L.) (Geometridae): <i>Sorbus</i> sp. (mountainash) berry	Scotland	1			N.Y.
<i>Oplopus nigripennis pulcher</i> Dallas (Pentatomidae): Bromeliad (plant)	Mexico			1	Fla.
<i>Opogona sacchari</i> (Bojer) (Tineidae): <i>Musa paradisica</i> (plantain banana)	Unknown	1			N.Y.
<i>M. paradisiaca</i> var. <i>sapientum</i> (banana)	Azores, unknown	1	1		Calif.,* Mass.
Orchid (leaf of plant)	East Africa			1	N.Y.
<i>Saccharum officinarum</i> (sugarcane)	Cape Verde Islands	1			N.Y.
<i>Opuntiaspis philococcus</i> (Ckll.) (Coccidae): <i>Myrtillocactus geometrizans</i> (cactus)	Mexico			1	Tex.
<i>Orthalicus boucardi</i> (Pfeiffer) (Bulimulidae): Bromeliad (plant)	do.			1	Tex.
<i>Orthalicus decolor</i> (Strebel) (Bulimulidae): Orchid (pseudobulb)	Guatemala			1	Fla.
<i>Orthalicus obductus</i> (Shuttleworth) (Bulimulidae): <i>Musa paradisiaca</i> var. <i>sapientum</i> (banana)	Honduras	2			Md., S.C.
<i>Orthalicus pulchellus protoglyptus</i> (Pilsbry) (Bulimulidae): Orchid (plant)	Venezuela			1	Fla.
<i>Orthalicus undatus</i> (Bruguere) (Bulimulidae): <i>Brassavola</i> sp. (orchid) plant	Jamaica			1	Fla.
<i>Epidendrum</i> sp. (orchid) plant	Canal Zone			1	Fla.
Orchid (plant)	Jamaica			1	Fla.
<i>Orthalicus undatus jamaicensis</i> (Pilsbry) (Bulimulidae): Baggage (specimen for science class)	do.	1			Fla.
<i>Orthezia pseudinsignis</i> Morr. (Coccidae): <i>Gardenia</i> sp. (cut flowers)	Mexico	1			Ill.
<i>Ortholomus jamaicensis</i> (Dallas) (Lygaeidae): Airplane	Antigua		1		P.R.
<i>Orthops katmi</i> (L.) (Miridae): Nursery stock	Netherlands			1	N.J.
<i>Orthotylyus ericetorum</i> (Fall.) (Miridae): <i>Calluna vulgaris</i> (heather)	England	1			N.Y.
<i>Ostrinia nubilalis</i> (Hbn.) (Pyraustidae): Airplane	Unknown		1		Hawaii.
<i>Capsicum annuum</i> (pepper)	Italy	1			N.Y.
<i>Chrysanthemum morifolium</i> (cut flowers)	Japan	1			Hawaii.
<i>Malus sylvestris</i> (apple)	Japan, Yugoslavia	1	1		Mich., N.Y.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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Pest and host	Country of origin	Number of inter- ceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Ostrinia nubilalis</i> —Continued					
<i>Phaseolus vulgaris</i> cv. (string bean).....	Japan.....	2	1	1	Wash.
<i>Sorghum vulgare</i> var. <i>technicum</i> (broomcorn).....	Italy.....	2	1	1	Md., Wis.
<i>Zea mays</i> (corn).....	Italy, Japan.....	1	2	1	Calif.* Md., N.Y., Wash.
<i>Otala lactea</i> (Müller) (Helicidae):					
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage).....	Italy.....	1	1	1	N.Y.
Cargo (for food).....	Morocco.....	1	1	1	N.Y.
Military cargo.....	France, Morocco.....	2	1	1	N.Y., Va.
Quarters (ship).....	Morocco.....	1	1	1	Pa.
<i>Otala vermiculata</i> (Müller) (Helicidae):					
Baggage (brought as food).....	Greece, Italy.....	4	1	1	Calif.* Mass., Mich.
<i>Lilium longiflorum</i> (Easter lily).....	Bermuda.....	1	1	1	N.Y.
Military cargo.....	Italy, Libya, Spain, Turkey.....	6	1	1	La., N.Y.
<i>Otosema odorata</i> (L.) (Noctuidae):					
Quarters.....	Unknown.....	1	1	1	Fla.
<i>Oulema gallaeciana</i> (Heyd.) (Chrysomelidae):					
Flowers.....	Poland.....	1	1	1	N.Y.
<i>Oulema melanopa</i> (L.) (Chrysomelidae):					
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage).....	Italy.....	1	1	1	N.Y.
<i>Ovalus crataegarius</i> (Wlk.) (Aphidae):					
Soil with various plants.....	France.....	1	1	1	Mass.
<i>Oryzocarenum hyalinipennis</i> (Costa) (Lygaeidae):					
<i>Gossypium barbadense</i> (Sea Island cotton).....	Bolivia.....	1	1	1	D.C.
<i>Ornithogalum thyrsoides</i> (Cape chinkeriechee).....	Republic of South Africa.....	1	1	1	N.Y.
<i>Punica granatum</i> (pomegranate).....	Israel.....	1	1	1	N.Y.
<i>Oryzophilus alliarius</i> (Müller) (Zonitidae):					
<i>Colocasia esculenta</i> (dasheen).....	Azores.....	1	1	1	N.Y.
<i>Ozophora consanguineus</i> (Dist.) (Lygaeidae):					
<i>Agave</i> sp. (plant).....	Mexico.....	1	1	1	Tex.
Automobile.....	do.....	1	1	1	Tex.
<i>Tillandsia</i> sp.	do.....	1	1	1	Tex.
<i>Ozophora quinque-maculata</i> Barber (Lygaeidae):					
<i>Colocasia antiquorum</i>	Dominican Republic.....	1	1	1	Am. V.I.
<i>Pachybrachius albocinctus</i> Barber (Lygaeidae):					
<i>Benincasa hispida</i> (Chinese waxgourd).....	Mexico.....	1	1	1	Ariz.
Bromeliad (plant).....	Peru.....	1	1	1	Fla.
Cargo.....	Costa Rica.....	1	1	1	Ala.
<i>Pachybrachius intermedius</i> Barber (Lygaeidae):					
Orchid (plant).....	Cayman Islands.....	1	1	1	Fla.
<i>Pachybrachius nietneri</i> (Dohrn) (Lygaeidae):					
Airplane.....	Thailand.....	1	1	1	Hawaii.
<i>Pagiocerus fiorii</i> (Eggers) (Scolytidae):					
<i>Zea mays</i> (corn).....	Ecuador.....	1	1	1	Ill.
<i>Pagoda salvalis</i> (Wlk.) (Pyraustidae):					
Airplane.....	Unknown.....	1	1	1	Hawaii.
<i>Palpita unionalis</i> (Hbn.) (Pyraustidae):					
<i>Jasminum</i> sp. (cut flowers).....	France.....	1	1	1	N.Y.
<i>Papillifera cinera</i> (Philippi) (Clausiliidae):					
<i>Rosa</i> hybrid.....	Italy.....	1	1	1	N.Y.
<i>Papillifera papillaris</i> (Draparnaud) (Clausiliidae):					
Soil.....	do.....	1	1	1	N.Y.
<i>Paragonatus divergens</i> (Dist.) (Lygaeidae):					
Airplane.....	Panama.....	1	1	1	Fla.
<i>Citrus aurantiifolia</i> (lime).....	Mexico.....	1	1	1	Tex.
<i>Paraponyx fluctuosatis</i> (Zell.) (Pyraustidae):					
Airplane.....	Japan(?), Philip- pines(?).....	3	3	3	Hawaii.
<i>Paraschoenus flavolimbatus</i> Champ. (Curculionidae):					
<i>Chamaedorea oblongata</i> (palm) stem.....	Mexico.....	1	1	1	Tex.
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantiifolia</i> (lime).....	Brazil, Mexico.....	3	3	3	Calif.*
<i>C. grandis</i> (pummelo).....	Japan.....	1	1	1	Calif.*
<i>C. limon</i> (lemon).....	Brazil, Trinidad.....	3	3	3	Calif.*
<i>C. paradisi</i> (grapefruit).....	Argentina, Brazil.....	3	3	3	Calif.*

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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<i>Parlatoria cinerea</i> Hadden—Continued					
<i>C. reticulata</i> (Mandarin orange).....	Brazil.....		1		Calif.*
<i>C. sinensis</i> (sweet orange).....	Argentina, Brazil, Mexico, unknown. Philippines.....	4	28		Calif.,* Mich.
<i>Jasminum</i> sp. (leaf of plant).....				1	Calif.*
<i>Parlatoria citri</i> McKenzie (Coccidae):					
<i>Citrus limon</i> (lemon).....	Japan.....		1		Pa.
<i>C. reticulata</i> (Mandarin orange).....	Philippines, Vietnam.....	2			Hawaii.
<i>C. sinensis</i> (sweet orange).....	Philippines, Thailand.....	1	1		Hawaii.
<i>Parlatoria crotonis</i> Dougl. (Coccidae):					
<i>Codiaeum variegatum</i> (croton).....	American Virgin Islands, French Polynesia, Hawaii, Panama.....	2		3	Fla., Hawaii, N.Y.
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Hawaii, Philippines, Thailand.....	2	1		Calif.,* Hawaii.
<i>C. grandis</i> (pummelo).....	Hong Kong.....	1			Hawaii.
<i>C. limon</i> (lemon).....	Hong Kong, Italy, Japan, Philippines, Republic of the Congo, unknown.....	3	5		Calif.,* Hawaii, N.C., Pa.
<i>C. paradisi</i> (grapefruit).....	Algeria, China, Formosa, Japan, Philippines.....	1	4		Calif.,* Hawaii, P.R.
<i>C. reticulata</i> (Mandarin orange).....	Formosa, Japan, Philippines, Thailand.....	5	3		Hawaii, Wash.
<i>C. sinensis</i> (sweet orange).....	Algeria, British Guiana, Formosa, France, Guam, Hong Kong, Iran, Japan, Okinawa, Philippines, Thai- land, Tunisia, unknown.....	9	19		Calif.,* Fla., Hawaii, N.J., N.Y.
<i>Citrus</i> sp. (leaf).....	Philippines, Thailand.....	2			Hawaii.
<i>Paroecanthus annulatus</i> (Scudd.) (Gryllidae):					
Orchid (plant).....	Honduras.....			1	Fla.
<i>Paulinia acuminata</i> (DeG.) (Acrididae):					
Aquatic plant.....	Peru.....			1	Fla.
<i>Pealius hibisci</i> (Kot.) (Aleyrodidae):					
<i>Gardenia jasminoides</i> (leaf).....	Hawaii.....	1			Calif.*
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae):					
<i>Gossypium barbadense</i> (Sea Island cotton; boll).....	.....do.....	1			Hawaii.
<i>G. hirsutum</i> (Upland cotton; seed).....	Mexico.....		1		Tex.
<i>Gossypium</i> sp. (cotton; bale).....	Puerto Rico.....	1			Fla.
<i>Gossypium</i> sp. (cotton; boll).....	Antigua, Bermuda, Cayman Islands, Cuba, Hawaii, Mexico, Turkey.....	13	1	1	Del., Fla., Hawaii, Md., N.Y., Pa., Tex.
<i>Gossypium</i> sp. (cotton; lint).....	Mexico.....		1		Tex.
<i>Gossypium</i> sp. (cottonseed).....	India, Mexico, Paki- stan, Thailand.....	14	2		N.Y., S.C., Tex.
<i>Gossypium</i> sp. (seed cotton).....	Mexico, Pakistan.....		1	2	Tex.
<i>Hibiscus esculentus</i> (okra) pod.....	Barbados, Dominican Republic, Haiti, Jamaica.....	14	7		Fla., N.Y., Pa., P.R.
<i>Penicbroa fasciata</i> Steph. (Cerambycidae):					
Debris.....	Syria.....		1		Md.
<i>Pentalonia nigronervosa</i> Coq. (Aphidae):					
<i>Alpinia mutica</i> (Malay galangal).....	Hawaii.....	1			Hawaii.
<i>A. purpurata</i> (cut flowers).....	Guam, Hawaii, Tahiti.....	19	3		Calif.,* Hawaii.
<i>Colocasia antiquorum</i> (taro)	Hawaii.....		1		Hawaii.
Flowers.....	Dominican Republic, Honduras.....	1	1		Fla., La.
<i>Isotoma longiflora</i>	Hawaii.....	1			Hawaii.
<i>Musa</i> sp.....	American Samoa.....	1			Hawaii.
Plant—unidentified.....	Japan.....			1	Hawaii.
<i>Strongylydon macrobotrys</i>	Philippines.....	1			Hawaii.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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<i>Pentamerismus oregonensis</i> McG. (Tenuipalpidae):					
<i>Juniperus chinensis</i> (pyramid Chinese juniper).	Japan			1	Wash.
<i>Peritrechus nubilus</i> (Fallen) (Lygaeidae):					
Fruit	Unknown		1		N.Y.
<i>Petroselinum crispum</i> (parsley)	do		1		N.Y.
<i>Peritrechus sylvestris</i> (F.) (Lygaeidae):					
<i>Fragaria</i> sp. (strawberry) plant	France			1	N.Y.
<i>Petrona cristata</i> (Wlsh.) (Olethreutidae):					
<i>Pinus thunbergii</i> (Japanese black pine) cone	Japan		1		Pa.
<i>Phalacropterix apiformis</i> (Rossi) (Psychidae):					
Military cargo (conex box)	Italy	1			Va.
<i>Pheidole megacephala</i> (F.) (Formicidae):					
Airplane	Antigua		1		P.R.
<i>Alpinia purpurata</i>	Hawaii, unknown	1	1		Hawaii, N.Y.
<i>Anthurium</i> sp.	Hawaii	1			Hawaii.
<i>Citrus aurantiifolia</i> (lime)	Brazil		1		Hawaii.
<i>Cocos nucifera</i> (coconut)	Hawaii	1			Calif.*
<i>Colocasia</i> sp. (tuber)	American Samoa	1			Hawaii.
<i>Dracaena fragrans</i> 'Massange'	Puerto Rico			1	N.Y.
Fern	Japan		1		Hawaii.
<i>Ficus benghalensis</i> (banyan fig)	Hawaii			1	Hawaii.
Flowers	do	2			Hawaii.
Food	do	2			Hawaii.
Leaf—unidentified	Cuba	1			N.Y.
<i>Musa paradisiaca</i> var. <i>sapientum</i> (banana)	Bermuda	1			Bermuda.
Orchid	British Honduras, Honduras.			3	Fla., La.
Palm	American Samoa	1		1	Hawaii.
Plants—unidentified	do			1	Hawaii.
<i>Samanea saman</i> (raintree saman)	Fiji	3			Hawaii.
Soil	do	1			Hawaii.
<i>Strelitzia</i> sp.	Hawaii	1			Hawaii.
<i>Strongyloides</i> sp. (cut flowers)	do	1			Hawaii.
<i>Phenacoccus rotundus</i> Kanda (Coccidae) (tentative):					
<i>Rhododendron austrokiusianum</i>	Japan			1	D.C.
<i>Philaenus leucophthalmus</i> (L.) (Cercopidae):					
<i>Fragaria</i> sp. (strawberry) plant	France			1	N.Y.
<i>Philia febrilis</i> (L.) (Bibionidae):					
<i>Tulipa</i> hybrid (tulip) cut flowers	Netherlands	1			N.Y.
<i>Phloeotribus scarabaeoides</i> (Bern.) (Scolytidae):					
<i>Olea europaea</i> (olive) wood	Lebanon	1			N.Y.
<i>Phytomyza rufipes</i> Meig. (Agromyzidae):					
<i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower)	England		1		Ga.
<i>Raphanus sativus</i> (radish)	Denmark, unknown		10		N.Y.
<i>Pieris brassicae</i> (L.) (Pieridae):					
<i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower)	Germany, Italy		2		Fla., N.Y.
<i>B. oleracea</i> var. <i>capitata</i> (cabbage)	Azores, Belgium, Italy.		11		N.Y., Pa.
Military cargo	Italy	1			La.
<i>Pinnaspis buxi</i> (Bouché) (Coccidae):					
<i>Cordylone terminalis</i> (ti)	Hawaii, Panama	22		1	Fla., Hawaii.
<i>Cordylone</i> sp.	Hawaii, unknown	2	1	1	N.Y., Hawaii.
<i>Dracaena</i> sp.	Panama	11			Fla.
<i>Neomoorea</i> sp. (orchid) leaf	Canal Zone			2	Fla.
Orchid (leaf)	Thailand			1	Fla.
<i>Spathiphyllum</i> sp. (leaf)	Hawaii			1	Hawaii.
<i>Pinnaspis uniloba</i> (Kuw.) (Coccidae):					
<i>Alyxia olivaeformis</i> (maile alyxia) leaf	do	1			Calif.*
<i>Pityogenes chalcographus</i> (L.) (Scolytidae):					
Bark (on wooden crate)	Germany, Sweden	2			Wis.
<i>Plagioderia punctigera</i> Stal (Chrysomelidae):					
Bromeliad	Mexico			1	Tex.
<i>Plagionotus arcuatus</i> (L.) (Cerambycidae):					
Dunnage	Unknown		1		Mich.
<i>Planococcus dorsospinosus</i> Ezzat & McConnell (Coccidae):					
<i>Litchi chinensis</i> (lychee)	China	1			Wash.
<i>Platoceticus symmetrica</i> Dyar (Psychidae):					
<i>Musa paradisiaca</i> var. <i>sapientum</i> (banana)	Ecuador, Guatemala	2			La., S.C.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Capsicum annuum</i> var. <i>grossum</i> (bell pepper) ..	Puerto Rico	2			P.R.
<i>Physalis</i> sp. (husk tomato) ..	Mexico	1			Tex.
<i>Pleurothallis</i> sp. (orchid) ..	Haiti			1	Fla.
<i>Zizyphus</i> sp. (jujube) ..	Mexico	1			Tex.
<i>Platypus rugulosus</i> Chap. (Platypodidae):					
Bamboo (log) ..	do	1			Tex.
<i>Plectia plagiata</i> Wied. (Bibionidae):					
<i>Lycopersicon esculentum</i> (tomato) ..	do	1			Ariz.
<i>Plinthisus brevipennis</i> (Latr.) (Lygaeidae):					
<i>Petroselinum crispum</i> (parsley) ..	Azores		1		N.Y.
<i>Plinthisus putoni</i> Horvath (Lygaeidae):					
Moss (packing material) ..	Italy	1			N.Y.
<i>Plusia chalcites</i> (Esp.) (Noctuidae):					
<i>Vanda</i> 'Miss Joachim' (orchid) flower ..	Hawaii	2			Hawaii.
<i>Poecilozonites bermudensis</i> (Pfeiffer) (?) (Zoniidae):					
Soil with <i>Persea americana</i> (avocado) seedling ..	Bermuda			1	N.Y.
<i>Poecilozonites circumfirmatus</i> (Redfield) (Zoniidae):					
<i>Lactuca sativa</i> (lettuce) ..	Unknown		1		N.Y.
<i>Nerium oleander</i> (oleander) ..	Bermuda			1	Bermuda.
Soil with <i>Persea americana</i> (avocado) seedling ..	do			1	N.Y.
Soil with unidentified plants ..	do			1	N.Y.
<i>Polygyra bahamensis</i> Vanatta (Polygyridae):					
Orchid (plant) ..	Bahamas			1	Fla.
<i>Polygyra matermontana</i> Pilsbry (Polygyridae):					
<i>Musa</i> sp. (banana) ..	Mexico	1			Ariz.
<i>Polygyra richardsoni</i> (Martens) (Polygyridae):					
Cactus (plant) ..	do			1	Tex.
<i>Porphyrobaphe iostoma</i> (Sowerby) (Bulimulidae):					
<i>Musa paradisica</i> var. <i>sapientum</i> (banana) ..	Ecuador	2			Calif.,* N.Y.
<i>Potosiaipaca</i> (Fab.) (Scarabaeidae):					
Debris ..	Unknown		1		Mich.
<i>Praticolella ampla</i> (Pfeiffer) (Polygyridae):					
Orchid (plant) ..	Mexico			1	Tex.
<i>Prays oleellus</i> (F.) (Hyponomeutidae):					
<i>Olea europaea</i> (olive) ..	Italy, Lebanon, Syria ..	5			N.Y., Ohio, Pa.
<i>Prodenia litura</i> (F.) (Noctuidae):					
Airplane ..	West Pacific		1		Hawaii.
<i>Capsicum annuum</i> (pepper) ..	Israel		1		N.Y.
Flowers ..	Formosa		2		Wash.
<i>Gladiolus</i> hybrid (cut flowers) ..	Japan	1			Hawaii.
<i>Protopulvinaria longivalvata</i> Green (Coccidae):					
<i>Gardenia jasminoides</i> (cut flowers) ..	Costa Rica, Tahiti ..	2			Fla., Hawaii
<i>Peperomia</i> sp. (plant) ..	Jamaica			1	Fla.
<i>Protopulvinaria pyriformis</i> (Ckll.) (Coccidae):					
<i>Bauhinia variegata</i> (Buddist bauhinia) ..	Bahamas		1		Fla.
<i>Gardenia jasminoides</i> (leaf) ..	Bahamas, Cuba, El Salvador ..	4		1	Bahamas, Calif., Fla., La.
<i>Pseudaonidia trilobitiformis</i> (Green) (Coccidae):					
<i>Citrus aurantifolia</i> (lime) ..	Argentina, Brazil ..	1	5		Calif.*
<i>C. limon</i> (lemon) ..	Brazil, Philippines, Tahiti ..	1	4		Calif.,* Hawaii.
<i>C. paradisi</i> (grapefruit) ..	Philippines	1			Hawaii.
<i>Mangifera indica</i> (mango) ..	Brazil, Venezuela ..	1	1		Fla.
<i>Pseudischnaspis alienus</i> (Newst.) (Coccidae):					
Orchid (pseudobulb and plants) ..	British Honduras, Canal Zone, Costa Rica, El Salvador, Mexico, Panama ..			7	Ariz., Fla., Wash.
<i>Pseudischnaspis bowreyi</i> (Ckll.) (Coccidae):					
<i>Ficus elastica</i> (Indiarubber fig) leaf ..	Mexico			1	Tex.
Orchid (leaf) ..	Peru			1	Fla.
<i>Pseudischnaspis longissima</i> (Ckll.) (Coccidae):					
<i>Mangifera indica</i> (mango) ..	El Salvador, unknown ..	1	2		Calif.*
<i>Pseudococcus boninis</i> (Kuw.) (Coccidae):					
<i>Cordyline terminalis</i> (ti) cutting ..	Unknown			1	Wash.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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<i>Pseudococcus citriculus</i> Green (Coccidae):					
<i>Citrus sinensis</i> (sweet orange)	Japan		1		Hawaii.
<i>Pseudococcus ferrisi</i> (Ezzat & McConnell) (Coccidae):					
<i>Gardenia</i> sp. (leaf)	Mexico			1	Calif.
<i>Pseudococcus gahani</i> Green (Coccidae):					
<i>Citrus limon</i> (lemon)	Chile		1		Fla.
<i>C. sinensis</i> (sweet orange)	France	1			N.Y.
<i>Pseudococcus lilacinus</i> Ckll. (Coccidae):					
<i>Psidium guajava</i> (guava)	Philippines	1			Hawaii.
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Guam, Hawaii	11		4	Calif.,* Hawaii, Tex.
<i>Pseudodiaspis yuccae</i> (Ckll.) (Coccidae):					
<i>Nolina palermi</i>	Mexico			1	Calif.
<i>Yucca</i> sp.	do.			1	Calif.
<i>Pseudoparlatoria ostreata</i> Ckll. (Coccidae):					
<i>Oncidium</i> sp. (orchid) leaf	Costa Rica			1	Fla.
<i>Orchid</i> (leaf)	Bolivia			1	Fla.
<i>Pelargonium</i> sp. (geranium) stem	Guatemala			1	Calif.*
<i>Pseudoparlatoria turgida</i> Ferris (Coccidae):					
<i>Bromeliad</i> (leaf)	Brazil			1	Fla.
<i>Pseudophasma cyllarus</i> (Westw.) (Phasmatidae):					
<i>Orchid</i> (plant)	Jamaica			1	Fla.
<i>Psylla melanoneura</i> Foerst. (?) (Psyllidae):					
<i>Crataegus</i> sp. (hawthorn) leaf	France	1			N.Y.
<i>Psylla pyri</i> (L.) (Psyllidae):					
<i>Mentha</i> sp. (mint) leaf	Italy	1			N.Y.
<i>Pulvinaria psidii</i> Mask. (Coccidae):					
<i>Alpinia purpurata</i>	Hawaii	32			Hawaii.
<i>Anthurium</i> sp.	do.			1	Hawaii.
<i>Carissa grandiflora</i> (Natal-plum carissa)	Mexico			1	Tex.
<i>Clusia rosea</i> (covey clusia)	Hawaii	1			Hawaii.
<i>Gardenia jasminoides</i> (leaf)	do.	6			Calif.,* Hawaii.
<i>Icora chinensis</i>	Fiji	1			Hawaii.
<i>Lagerstroemia</i> sp. (crapemyrtle)	Indonesia			1	Hawaii.
<i>Litchi chinensis</i> (lychee) twig and fruit	Unknown	1			Wash.
<i>Puto mexicanus</i> (Ckll.) (Coccidae):					
<i>Epidendrum</i> sp. (orchid)	Mexico			1	Tex.
<i>Orchid</i> (plant)	do.			1	Tex.
<i>Puto ulter</i> Ferris (Coccidae):					
<i>Cattleya bowringiana</i> (orchid)	Guatemala			1	Tex.
<i>Orchid</i> (plant)	do.			1	Fla.
<i>Pyrgocorypha sallei</i> Sauss. (Tettigoniidae):					
Automobile	Mexico	1			Ariz.
<i>Musa paradisiaca</i> var. <i>sapientum</i> (banana)	do.	1			Tex.
<i>Pyrrhidium sanguineum</i> (L.) (Cerambycidae):					
<i>Apium graveolens</i> (celery) seed	Unknown	1			N.C.
<i>Pyrrhocoris apterus</i> (L.) (Pyrrhocoridae):					
Straw (jacket for liquor bottle)	Greece		1		Tex.
<i>Radiodiscus proameri</i> H. B. Baker (Endodontidae):					
<i>Orchid</i> (plant)	Mexico			1	Tex.
Soil with unidentified plant	do.			1	Tex.
<i>Reticulitermes flavipes</i> (Koll.) (Rhinotermitidae):					
<i>Ananas comosus</i> (pineapple)	do.	1			Tex.
Automobile	do.		1		Tex.
Cactus	do.			1	Tex.
<i>Orchid</i> (plant)	do.			1	Tex.
Railway car	do.		1		Tex.
<i>Retinella hammonis</i> (Ström.) (Zonitidae):					
Plants—unidentified	Germany			1	N.J.
<i>Rubus</i> sp.	France		1		Mass.
<i>Rhagoletis cerasi</i> (L.) (Tephritidae):					
<i>Prunus</i> sp. (cherry)	Czechoslovakia, France, Germany, Italy, Spain, unknown.	6	22		N.Y., P.R., Tex.
<i>Rhaphigaster nebulosa</i> (Poda) (Pentatomidae):					
Baggage	Italy	1			Mass.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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<i>Rhinocola ericae</i> (Curt.) (Psyllidae):					
<i>Calluna vulgaris</i> (heather)	England, Germany, Ireland, Scotland.	2	-----	2	N.Y., Wash.
<i>Rhipiphorothrips pulchellus</i> Morgan (Thripidae):					
<i>Theobroma cacao</i> (cacao) leaf	Philippines	1	-----	-----	Wash.
<i>Rhophobola naevana</i> (Hbn.) (Olethreutidae):					
<i>Ilex sugeroki</i> (sugeroki holly)	Japan	-----	-----	1	D.C.
<i>Rhyacionia buoliana</i> (Schiff.) (Olethreutidae):					
<i>Pinus</i> sp. (pine)	Brazil	-----	1	-----	Ala.
<i>Rhynchaenus populi</i> (F.) (Curculionidae):					
<i>Syringa</i> sp. (lilac) cut flowers	Netherlands	1	-----	-----	N.Y.
<i>Rhynchophorus palmarum</i> (L.) (Curculionidae):					
Cargo	Ecuador	1	-----	-----	La.
<i>Rhyparochromus immaculatus</i> (Rey) (Lygaeidae):					
<i>Fragaria</i> sp. (strawberry) leaf of plant	France	-----	-----	1	N.Y.
<i>Roucasia ovata</i> Goux. (Aleyrodidae):					
<i>Hedera</i> sp. (ivy)	Italy	-----	-----	1	Mass.
<i>Rumina decollata</i> (L.) (Achatinidae):					
Palm (seed)	Mexico	-----	-----	1	Tex.
Soil with unidentified plants	Bermuda, Mexico	-----	-----	3	Tex., Va.
<i>Schasicheila bahamensis</i> Pfeiffer (Heliciniidae):					
Orchid (plant)	Bahamas	-----	-----	1	Fla.
<i>Schneidereria pistaciella</i> Weber (Gelechiidae):					
<i>Anacardium</i> sp. (cashew) nut	Greece	1	-----	-----	N.Y.
<i>Pistacia mutica</i> (Turkterebinth pistache) nut	do	4	-----	-----	N.Y.
<i>P. vera</i> (common pistache) nut	Lebanon	1	-----	-----	Ohio.
<i>Schoenobius incertulus</i> (Wlk.) (Schoenobiidae):					
Airplane	Japan, unknown	-----	3	-----	Hawaii.
<i>Sciocoris fuscosparsus</i> Stal (Pentatomidae):					
<i>Vitis</i> sp. (grape)	Republic of South Africa	1	-----	-----	N.Y.
<i>Sclerocona acutellus</i> (Ev.) (Pyraustidae):					
<i>Phragmites communis</i> (common reed) fence	Japan	1	-----	-----	Calif.
<i>Sculptaria reticulata</i> (Martens) (Corillidae):					
<i>Myrothamnus flabellifolia</i> (plant)	Republic of the Congo	-----	-----	1	D.C.
<i>Selenaspis silvaticus</i> Ldgr. (Coccidae):					
<i>Protea</i> sp.	Republic of South Africa	1	-----	-----	Mass.
<i>Selenothrips rubrocinctus</i> (Giard) (Thripidae):					
<i>Anthurium</i> sp.	Hawaii	1	-----	-----	Hawaii.
<i>Cordylone terminalis</i> (ti) leaf	do	1	-----	-----	Hawaii.
<i>Eugenia jambos</i> (rose-apple)	Dominican Republic	1	-----	-----	N.Y.
Flowers	Guadeloupe	1	-----	-----	P.R.
<i>Garcinia mangostana</i> (mangosteen)	Guatemala	1	-----	-----	La.
Leaf—unidentified	Dominican Republic	1	-----	-----	Fla.
<i>Theobroma cacao</i> (cacao) leaf	Philippines	1	-----	-----	Wash.
<i>Sesamia cretica</i> Led. (Noctuidae):					
<i>Sorghum vulgare</i> var. <i>technicum</i> (broomcorn)	France, Greece, Italy	8	-----	-----	Md., Mass., N.Y.
<i>Sesamia inferens</i> (Wlk.) (Noctuidae):					
Airplane	Japan	-----	1	-----	Hawaii.
<i>Sesamia nonagriodes</i> (Lef.) (Noctuidae):					
Baggage	Unknown	1	-----	-----	N.Y.
<i>Sorghum vulgare</i> var. <i>technicum</i> (broomcorn)	Azores	1	-----	-----	N.Y.
<i>Sinoxylon anale</i> Lesne (Bostrichidae):					
<i>Dalbergia</i> sp. (rosewood) log	Vietnam	1	-----	-----	La.
Wood (crates and processed lumber)	India	4	-----	-----	Mass., N.Y., Oreg.
<i>Sinoxylon conigerum</i> Gerst. (Bostrichidae):					
<i>Dalbergia</i> sp. (rosewood) log	Vietnam	1	-----	-----	La.
Wood (crate and van)	Ceylon, India	2	-----	-----	Calif., * Pa.
<i>Sinoxylon sexdentatum</i> (Ol.) (Bostrichidae):					
<i>Allium sativum</i> (garlic)	Italy	1	-----	-----	N.Y.
<i>Siphanta acuta</i> (Wlk.) (Flatidae):					
<i>Anthurium</i> sp. (cut flowers)	Hawaii	1	-----	-----	Hawaii.
<i>Kalanchoe</i> sp.	do	-----	-----	1	Hawaii.
<i>Phaius waltchii</i> (orchid)	do	1	-----	-----	Hawaii.
<i>Sirex juvenis</i> (L.) (Siricidae):					
Cargo (household goods)	Japan	1	-----	-----	Va.
<i>Sisamnes contractus</i> Dist. (Lygaeidae):					
Cactus	Mexico	-----	-----	1	Tex.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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<i>Spanioneura fonscolombi</i> Foerst. (Psyllidae):					
Flowers.....	England, unknown.....	-----	2	-----	Wash.
<i>Ligustrum</i> sp. (privet).....	Unknown.....	-----	1	-----	Mich.
<i>Sphenarches caffer</i> (Zell.) (Pterophoridae):					
<i>Cajanus cajan</i> (pigeonpea) pod.....	Puerto Rico.....	1	-----	-----	N.Y.
<i>Spodoptera mauritia acronyctoides</i> (Guen.) (Noctuidae):					
<i>Plumiera</i> sp.....	Hawaii.....	2	-----	-----	Hawaii.
<i>Stenotarsonemus laticeps</i> (Halb.) (Tarsonemidae):					
<i>Narcissus</i> sp. (bulb).....	England, Ireland, New Zealand, Northern Ireland.....	-----	-----	193	N.J.
<i>Stenoma catenifer</i> Wlsm. (Stenomidae):					
<i>Persea americana</i> (avocado).....	British Honduras, Colombia, Costa Rica, Ecuador, El Salvador, Honduras, Mexico, Nicaragua, Panama, Venezuela.....	30	4	1	Calif., * Fla., Md., N.Y., Tex.
<i>Stenoptilia stigmatodactyla</i> Zell. (Pterophoridae):					
<i>Gentiana</i> sp. (gentian) cut flowers.....	Switzerland.....	3	-----	-----	Mass., N.J., N.Y.
<i>Stephanitis nashi</i> Esaki & Takeya (Tingidae):					
<i>Chrysanthemum</i> sp. (cut flowers).....	Japan.....	1	-----	-----	Hawaii.
<i>Stephanoderes hampei</i> (Ferr.) (Scolytidae):					
<i>Coffea arabica</i> (Arabian coffee).....	Brazil, Liberia, Republic of South Africa.....	5	-----	-----	D.C., Fla., Hawaii, La., Md.
<i>C. canephora</i> (robust coffee).....	West Africa.....	1	-----	-----	D.C.
<i>Stereotydeus mexicanus</i> Baker (Eupodidae):					
Orchid (plant).....	Mexico.....	-----	-----	1	Tex.
Plant—unidentified.....	do.....	1	-----	-----	Tex.
<i>Sternonchetus mangiferae</i> (F.) (Curculionidae):					
<i>Mangifera indica</i> (mango).....	Hawaii.....	39	5	4	Calif., * Ga., Hawaii.
<i>Sterrhia inquinata</i> (Scop.) (Geometridae):					
<i>Capsicum annuum</i> (pepper).....	Italy.....	2	-----	-----	Pa.
<i>Stygnocoris fuliginosus</i> Geoffroy (Lygaeidae):					
<i>Fragaria</i> sp. (strawberry) plant.....	France.....	-----	-----	1	N.Y.
<i>Subulina octona</i> (Brugulere) (Achatinidae):					
Military cargo (conex box).....	Libya.....	1	-----	-----	N.C.
Orchid (plant).....	British Honduras, Colombia, Jamaica, Mexico.....	-----	-----	9	Fla., Tex.
Soil with <i>Codiaeum</i> sp. (plant).....	Jamaica.....	-----	-----	1	Bahamas.
Soil with <i>Coleus</i> sp. (plant).....	Honduras.....	-----	-----	1	La.
Soil with <i>Dieffenbachia</i> sp. (plant).....	Puerto Rico.....	-----	-----	2	Pa.
Soil with unidentified plants.....	Mexico.....	-----	-----	1	Artz.
<i>Suidasia medianensis</i> Oud. (Acaridae):					
<i>Pandanus</i> sp. (screw pine).....	Tahiti.....	1	-----	-----	Hawaii.
<i>Symphylus ramicillata</i> (Wlk.) (Pentatomidae):					
Aquatic plant.....	Peru.....	-----	-----	1	Fla.
<i>Synrias difundens</i> (Wlk.) (?) (Noctuidae):					
Airplane.....	Venezuela.....	-----	1	-----	Fla.
<i>Systole albipennis</i> Wlk. (Eurytomidae):					
<i>Foeniculum vulgare</i> (common fennel).....	Italy.....	-----	-----	1	N.J.
<i>Taeniothrips atratus</i> (Hal.) (Thripidae):					
<i>Callistephus chinensis</i> (China aster).....	Netherlands.....	1	-----	-----	N.Y.
<i>Calluna vulgaris</i> (heather).....	Scotland.....	1	-----	-----	Mass.
<i>Dianthus caryophyllus</i> (carnation).....	Portugal, Scotland, Spain, unknown.....	2	1	1	N.Y., Pa.
Flowers.....	England, Germany, Iceland, Ireland, unknown.....	5	5	-----	Mass., N.J., Pa., Wash.
<i>Lathyrus odoratus</i> (sweet pea).....	England.....	1	-----	-----	Wash.
Nursery stock.....	England, Netherlands.....	-----	-----	7	N.J.
<i>Petroselinum crispum</i> (parsley).....	England.....	-----	1	-----	Wash.
<i>Rosa</i> hybrid (rose).....	Finland.....	1	-----	-----	N.Y.
<i>Taeniothrips dianthi</i> Priesner (Thripidae):					
Flowers.....	England.....	1	-----	-----	Mass.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Taeniothrips discolor</i> (Karny) (Thripidae) (tentative):					
<i>Dianthus caryophyllus</i> (carnation).....	Israel.....	1			N.Y.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae):					
<i>Callistephus chinensis</i> (China aster).....	Netherlands.....	1			N.Y.
<i>Calluna vulgaris</i> (heather).....	Canada, Ireland, Scotland.....	2		3	Alaska, Pa., Wash.
<i>Taeniothrips gracilis</i> Mit. (Thripidae):					
<i>Antirrhinum majus</i> (snapdragon).....	Japan.....	1			Hawaii.
<i>Lycoris radiata</i> (shorttube lycoris) bulb.....	do.....			3	N.Y., Wash.
<i>L. squamigera</i> (autumn lycoris) bulb.....	do.....			6	Wash.
<i>Lycoris</i> sp.....	do.....			7	Calif.,* N.J., N.Y., Wash.
<i>Narcissus tazetta</i> (polyanthus narcissus).....	Hong Kong.....	1			Hawaii.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Allium sativum</i> (garlic).....	Philippines.....	1			Hawaii.
<i>Calotropis gigantea</i> (Akuni calotrope).....	Hawaii.....	1			Hawaii.
<i>Chrysanthemum</i> sp. (cut flowers).....	Japan.....	1			Hawaii.
<i>Dianthus caryophyllus</i> (carnation).....	do.....	2	2		Hawaii.
Flowers.....	Australia, Hawaii.....	2			Hawaii.
<i>Gardenia jasminoides</i>	Hawaii.....	50			Hawaii.
<i>Gardenia</i> sp.....	Japan.....	1	1		Hawaii.
<i>Hibiscus</i> sp.....	Hawaii, Okinawa.....	1		1	Hawaii.
<i>Narcissus tazetta</i> (polyanthus narcissus).....	Japan.....	1			Hawaii.
<i>Oryza sativa</i> (rice) straw.....	do.....	2			Hawaii.
<i>Plumeria rubra</i> (Mexican frangipani).....	Hawaii.....	1			Hawaii.
<i>Plumeria</i> sp.....	do.....	3			Calif.,* Hawaii.
<i>Sesbania grandiflora</i> (agati sesbania).....	do.....	1			Hawaii.
<i>Vanda</i> 'Miss Joachim' (orchid).....	do.....	1			Hawaii.
<i>Vanda</i> sp.....	do.....	1			Hawaii.
<i>Taeniothrips picipes</i> (Zett.) (Thripidae):					
<i>Convallaria</i> sp. (lily-of-the-valley).....	Norway.....	1			N.Y.
<i>Gentiana</i> sp. (gentian) cut flowers.....	Switzerland.....	1			N.Y.
<i>Rhododendron</i> sp. (azalea) cut flowers.....	England.....	1			N.Y.
<i>Taeniothrips vitticornis</i> (Karny) (Thripidae):					
<i>Canavalia microcarpa</i> (mauna loa).....	Hawaii.....	1			Hawaii.
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya) fruit.....	Mexico.....	6			Tex.
<i>A. muricata</i> (soursop) seed.....	Dominican Republic.....		1		Pa.
<i>Annona</i> sp. (seed).....	Mexico.....	1			Tex.
<i>Talurus rugosus</i> (Jac.) (Chrysomelidae):					
Airplane.....	Nicaragua.....		1		P.R.
" <i>Targionia</i> " <i>bromiliae</i> (Leon) (Coccidae):					
<i>Ananas comosus</i> (pineapple).....	Azores, Mexico, Portugal.....	3			Calif., N.Y.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae):					
<i>Dioscorea</i> sp. (yam) fruit.....	Cuba.....	1	1		Fla.
<i>Zingiber officinale</i> (ginger).....	Hong Kong.....	1			Calif.*
" <i>Targionia</i> " <i>sacchari</i> (Ckll.) (Coccidae):					
<i>Cymbopogon citratus</i> (lemongrass).....	Puerto Rico.....			1	D.C.
<i>Saccharum officinarum</i> (sugarcane).....	do.....		1		Pa.
<i>Targionia yuccarum</i> (Ckll.) (Coccidae):					
<i>Dudleya</i> sp. (plant).....	Mexico.....			1	Calif.
<i>Teleonemia scrupulosa</i> Stal (Tingidae):					
<i>Mentha</i> sp. (mint).....	Panama.....	1			Fla.
<i>Tenthoris angustimarginatus</i> Hsiao & Sailer (Miridae):					
Orchid (plant).....	Mexico.....			2	Tex.
<i>Tenthoris confusus</i> Hsiao & Sailer (Miridae):					
Orchid (plant).....	British Honduras, Mexico.....			3	Fla., Tex.
<i>Tenthoris distinctus</i> Hsiao & Sailer (Miridae):					
Orchid (plant).....	Mexico.....			2	Tex.
<i>Tenthoris exitiosus</i> (Dist.) (Miridae):					
Orchid (plant).....	Peru.....			2	Fla.
<i>Tenthoris venezuelensis</i> Hsiao & Sailer (Miridae):					
Orchid (plant).....	Venezuela.....			1	Tex.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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Pest and host	Country of origin	Number of inter- ceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Tenthecoris vestitus</i> (Dist.) (Miridae):					
<i>Oncidium</i> sp. (orchid)	Guatemala			1	Fla.
<i>Tetrastria meticulosalis</i> Guen. (Pyraustidae):					
Orchid (plant)	Peru			1	Fla.
<i>Termtophylella fulvoldes</i> Carvalho (Miridae):					
Bromeliad	Mexico			1	Tex.
<i>Tetraleurodes aucubae</i> (Kuw.) (Aleyrodidae):					
<i>Citrus sinensis</i> (sweet orange)	Japan		1		Calif.*
<i>Tetraleurodes graminis</i> Takah. (Aleyrodidae):					
<i>Paspalum</i> sp. (paspalum grass)	Formosa			1	Wash.
<i>Tetranychus cinnabarinus</i> (Bois.) (Tetranychidae):					
<i>Chrysanthemum morifolium</i> (cut flowers)	Japan	1			Hawaii.
<i>Dianthus caryophyllus</i> (carnation)	do	1			Wash.
<i>Phaseolus vulgaris</i> (bean)	Mexico	1			Calif.
<i>Tetranychus viennensis</i> Zacher (Tetranychidae):					
<i>Malus sylvestris</i> (apple)	Poland	1			Wash.
<i>Theba pisana</i> (Müller) (Helicidae):					
Automobile	Morocco	1			S.C.
Baggage (probably for food)	Italy	1			N.Y.
<i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower)	Morocco		1		Va.
<i>B. oleracea</i> var. <i>capitata</i> (cabbage)	Spain		1		N.Y.
Cargo—general	Morocco, Spain	3			La., Mass., N.Y.
Flowers	Israel	1			N.Y.
Herb—unidentified	Cuba	1			Fla.
<i>Lactuca sativa</i> (lettuce)	Italy		1		N.Y.
Military cargo	Azores, France, Italy, Libya, Morocco, Spain, unknown.	58			La., Mass., N.Y., S.C., Tex., Va.
Mollusks					
<i>Muscari comosum</i> (cipollino)	Morocco	4			N.Y.
<i>Petroselinum crispum</i> (parsley)	do	1			N.Y.
Plant material	France, Spain		2		N.Y., Pa.
<i>Rosa</i> hybrid	France, Israel	2			D.C., N.Y.
<i>Rosmarinus officinalis</i> (rosemary)	France	2			N.Y.
<i>Solanum tuberosum</i> (potato)	Azores	1			Mass.
Stores	Spain		1		Tex.
<i>Theba planata</i> (Holtz) (Helicidae):					
Military cargo (metal cylinder)	Unknown		1		Mich.
<i>Thrips angusticeps</i> Uzel (Thripidae):					
Flowers	Spain	1			Va.
<i>Lactuca sativa</i> (lettuce)	do	1			Wash.
<i>Thrips flavus</i> Schrank (Thripidae):	Unknown		1		Calif.*
<i>Antirrhinum majus</i> (snapdragon)					
<i>Chrysanthemum</i> sp. (cut flowers)	Germany	1			N.Y.
<i>Dianthus caryophyllus</i> (carnation)	Japan	1			Alaska.
Flowers (mixed)	Scotland unknown.		1	1	N.Y., Pa.
	England, Ireland, unknown.	2	5		Mass., Pa., Wash.
<i>Gardenia</i> sp. (cut flowers)	Japan	1			Wash.
Nursery stock	England, Netherlands.		10		N.J.
<i>Rosa</i> hybrid	England		1		Ill.
Soil with unidentified plants	France		1		Mass.
<i>Thrips imacinis</i> Baghall (Thripidae):					
<i>Chrysanthemum</i> sp.	Australia	1			Hawaii.
Flowers (mixed, wild)	do	1			Wash.
<i>Thrips major</i> Uzel (Thripidae):					
<i>Callistephus chinensis</i> (China aster)	Netherlands	1			N.Y.
<i>Dianthus caryophyllus</i> (carnation)	Italy	1			N.Y.
Flowers (mixed)	England, Turkey, unknown.	1	3		N.Y., Pa., Wash.
Nursery stock	Netherlands			3	N.J.
<i>Rosa</i> hybrid	Denmark, England, Poland.	3			Hawaii, N.Y.
<i>Toxotrypana curvicauda</i> Gerst. (Tephritidae):					
<i>Carica papaya</i> (papaya)	Puerto Rico	1			P.R.
<i>Tranes internatus</i> Pascoe (Curculionidae):					
<i>Macrozamia fauettii</i> (cycad)	Australia			1	Calif.*
<i>Trialeurodes similis</i> Rsl. (Aleyrodidae):					
<i>Persea americana</i> (avocado) leaf	Mexico	1		1	Tex.
<i>Trialeurodes variabilis</i> (Q.) (Aleyrodidae):					
<i>Citrus</i> sp. (leaf)	do	2			Tex.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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		Consumption	Nonentry	Propagation	
<i>Trialeurodes vitrinellus</i> Ckll. (Aleyrodidae):					
<i>Citrus</i> sp. (leaf)	Mexico	1			Tex.
<i>Trichia hispida</i> (L.) (Helicellidae):					
<i>Apium graveolens</i> (celery)	Netherlands		1		Pa.
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage)	England		1		Ga.
<i>Erica</i> sp. (heath)	Australia			1	N.Y.
Liliaceae	Ireland			1	N.Y.
<i>Malus sylvestris</i> (apple)	Spain		1		N.Y.
Military cargo	France	1			La.
Plants—unidentified	Germany			1	N.J.
<i>Rosa</i> hybrid	France	1			N.Y.
Soil and sphagnum moss	Germany	1			Tex.
Soil with various plants	Belgium, England			2	Mass., Mich.
<i>Tropaeolum</i> sp. (nasturtium) seed	Netherlands			1	Pa.
<i>Trichia striolata</i> (Pfeiffer) (Helicellidae):					
<i>Cotinus coggygia</i> (common smoketree)	Austria, Italy			5	N.J.
<i>Dianthus caryophyllus</i> (carnation)	Ireland	1			N.Y.
<i>Primula</i> sp. (primrose) plant	England			1	Wash.
<i>Trionymus sacchari</i> (Ckll.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane)	Barbados, Cuba, Fiji, India	3		2	D.C., Hawaii, N.Y.
<i>Trioza anceps</i> Tuth. (Psyllidae):					
<i>Persea americana</i> (avocado) leaf	Mexico	1			Tex.
<i>Trogoderma granarium</i> Everts (Dermestidae):					
<i>Acacia senegal</i> (gum arabic)	India, Sudan	44			Md., N.Y.
<i>Anogeissus latifolia</i> (gum ghatti)	India	3			N.Y.
<i>Arachis hypogaea</i> (peanut) debris	West Africa		1		Ohio.
Bagging (including new and used burlap and wrappers on celery seed, cinnamon quills, cotton waste, crates of brassware, flax waste, gum arabic, guar gum, karaya gum, lentils, nutmeg, pepper, pigeonpeas, potatoes, psyllium husks, rice, and senna siftings).	Belgium, Ceylon, England, India, Indonesia, Netherlands, Pakistan, Senegal, Singapore, Sudan, United Arab Republic, unknown.	92	6		Ala., La., Mass., N.Y., N.C., Pa., S.C., Tex.
<i>Cajanus cajan</i> (pigeonpea)	England, India, Singapore	1	8		Calif.,* Ga., N.C., Pa., Tex.
Cargo (hold of ship)	Unknown		6		S.C.
<i>Cinnamomum</i> sp. (cinnamon) quills	Ceylon	1			N.Y.
<i>Cuminum cyminum</i> (cumin) seed	India, Iran	7	2		N.Y., N.C., Pa., Tex.
<i>Curcuma longa</i> (turmeric)	India	1			N.Y.
<i>Cyamopsis tetragonoloba</i> (guar gum)	India, Pakistan, unknown.	8	1		Md., N.Y., S.C., Tex.
Debris (in storeroom)	Korea, unknown		2		Fla., Mass.
<i>Glycine max</i> (soybean)	Senegal		1		N.Y.
Grain (as cargo and residue)	India, Mexico, Sudan, unknown.	3	2		Minn., N.Y., Tex.
Karaya gum	India, Sudan	8			N.Y.
<i>Oryza sativa</i> (rice)	Formosa, India, Italy, Singapore, Thailand, unknown.		14		Calif.,* Ga., N.Y., N.C., Ohio, Pa., Tex., Wash.
<i>Phaseolus vulgaris</i> (bean)	Netherlands		1		Tex.
<i>Pisum sativum</i> (pea)	Formosa, India		2		Calif.,* Pa.
<i>Rhizophora</i> sp. (mangrove) bark	Tanganyika	1			S.C.
Stores (including chili pepper, coriander, cumin seed, flour, mung bean, noodles, pigeonpea, rice, and sugar)	Belgium, China, Formosa, France, Greece, India, Italy, Kuwait, Sierra Leone, Singapore, Sudan, unknown.		27		Calif.,* Fla., Ga., Hawaii, La., Mass., Mich., N.Y., N.C., Pa., S.C., Tex., Wash.
<i>Terminalia</i> sp. (myrobalan)	India	4			Ga., Pa., S.C., Va.
<i>Triticum aestivum</i> (wheat)	Belgium, unknown	1	1		Md., Tex.
<i>Zea mays</i> (corn) seed	Hong Kong			1	Hawaii.
<i>Tropidacris cristata</i> (L.) (Acrididae):					
Quarters	Ecuador		1		Fla.
<i>Tropidacris latreillei</i> (Perty) (Acrididae):					
Cargo	do	1			Tex.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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<i>Udea ferrugalis</i> (Hbn.) (Pyraustidae):					
<i>Apium graveolens</i> (celery)-----	France-----		1		N.Y.
<i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower)-----	England-----		1		Ga.
<i>B. oleracea</i> var. <i>capitata</i> (cabbage)-----	Portugal-----		1		N.Y.
<i>Cucurbita pepo</i> (zucchini squash)-----	Italy-----		1		N.Y.
<i>Pelargonium</i> sp. (geranium)-----	Portugal-----			1	Mass.
<i>Unaspis citri</i> (Comst.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime)-----	American Samoa-----	1			Hawaii.
<i>C. limon</i> (lemon)-----	Canal Zone, Panama, Trinidad-----	1	2		Calif.*
<i>C. paradisi</i> (grapefruit)-----	Costa Rica, Puerto Rico-----		2		Calif.*
<i>C. reticulata</i> (Mandarin orange)-----	Panama-----	1			Calif.*
<i>C. sinensis</i> (sweet orange)-----	Argentina, unknown-----		3		Calif.*
<i>Citrus</i> sp. (leaf)-----	El Salvador-----	1			Calif.*
<i>Unaspis yanonensis</i> (Kuw.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime)-----	Japan-----		2		Hawaii, Oreg.
<i>C. aurantium</i> (sour orange)-----	do-----		16		Calif.* Pa.
<i>C. grandis</i> (pummelo)-----	do-----	2	2		Hawaii, Oreg.
<i>C. ichangensis</i> × <i>C. reticulata</i> (ichandarin)-----	do-----		2		Calif.*
<i>C. limon</i> (lemon)-----	Australia, Japan-----	2	14		Calif.*
<i>C. mitis</i> (calamondin orange)-----	Japan-----		1		Hawaii, Oreg., Pa.
<i>C. paradisi</i> (grapefruit)-----	do-----		8		Calif.*
<i>C. paradisi</i> × <i>C. reticulata</i> (tangelo)-----	do-----	1	1		Hawaii.
<i>C. reticulata</i> (Mandarin orange)-----	Japan, Philippines-----	33	139		Calif.*
<i>C. reticulata</i> hybrid-----	Hong Kong, Japan-----	2	2		Hawaii, N.Y., Oreg.
<i>C. sinensis</i> (sweet orange)-----	Hong Kong, Japan, unknown-----	8	116		Hawaii.
<i>Citrus</i> sp.-----	Japan-----	3	2		Calif.* Hawaii, N.Y., Oreg., Pa.
<i>Vaginulus occidentalis</i> (Guiling) (Veronicellidae):					
Bromeliad (plant)-----	Canal Zone-----			1	Fla.
Orchid (plant)-----	do-----			1	Tex.
<i>Philodendron</i> sp. (plant)-----	Colombia-----			1	Fla.
<i>Vaginulus occidentalis</i> (Guiling) (?) (Veronicellidae):					
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage)-----	Tortola-----	1			Am. V.I.
<i>Caladium</i> sp. (plant)-----	Haiti-----			1	N.Y.
Orchid (plant)-----	El Salvador-----			2	Fla.
<i>Valtissius diversus</i> (Dist.) (Lygacidae):					
<i>Citrus aurantifolia</i> (lime)-----	Mexico-----	1			Tex.
Orchid (plant)-----	Costa Rica-----			1	Tex.
<i>Veronicella moreleti</i> (Crosse & Fischer) (Veronicellidae):					
<i>Chamaedorea</i> sp. (palm) leaf-----	Mexico-----	1			Pa.
<i>Musa paradisica</i> var. <i>sapientum</i> (banana)-----	Honduras-----	1			S.C.
<i>Vilga dissimilis</i> Dist. (Coreidae):					
Orchid (plant)-----	Canal Zone, Honduras, Panama-----			4	Fla.
<i>Vilga divarigata</i> Champ. (Coreidae):					
Orchid (plant)-----	Canal Zone-----			4	Fla.
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
<i>Aspasia</i> sp. (orchid) leaf-----	do-----			1	Fla.
<i>Brassia caudata</i> (orchid) leaf-----	Canal Zone, Panama-----			2	Fla.
<i>Broughtonia</i> sp. (orchid) leaf-----	Jamaica-----			14	Fla.
<i>Cattleya</i> sp. (orchid) leaf-----	Antigua-----			1	N.J.
<i>Epidendrum fragrans</i> (orchid)-----	Canal Zone-----			1	Fla.
<i>Epidendrum</i> sp.-----	Antigua, Canal Zone, Jamaica, Panama, Trinidad-----			6	Fla.
<i>Gongota</i> sp. (orchid) leaf-----	Nicaragua-----			1	Fla.
<i>Lycaste</i> sp. (orchid) leaf-----	Canal Zone-----			1	Fla.
<i>Oncidium altissimum</i> (orchid) leaf-----	British Honduras-----			1	Fla.
<i>O. panamense</i> (orchid) leaf-----	Canal Zone-----			1	Fla.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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<i>Vinsonia stellifera</i> —Con. Orchid (leaf of plant).....	American Virgin Islands, Antigua, Bahamas, British Guiana, British Honduras, Canal Zone, Dominica, Honduras, Jamaica, Mauritius, Panama, Trinidad, unknown.	-----	-----	42	Calif.,* Fla., P.R.
<i>Vitina diaphana</i> Draparnaud (Zonitidae): <i>Frassica oleracea</i> var. <i>capitata</i> (cabbage).....	France.....	-----	1	-----	Pa.
<i>Xiphidiopsis lita</i> Heb. (Tettigoniidae): <i>Anthurium andraeanum</i> (flamingo anthurium) <i>Anthurium</i> sp. (cut flowers)..... Flowers..... Leaf—unidentified.....	Hawaii..... do..... do..... do.....	1 1 1 1	----- ----- ----- -----	----- ----- ----- -----	Hawaii. Hawaii. Hawaii. Hawaii.
<i>Xylopsocus capucinus</i> (Fab.) (Bostrichidae): Wood (crate).....	Indonesia.....	1	-----	-----	Calif.*
<i>Xystrocera globosa</i> (Ol.) (Cerambycidae): <i>Operculina tuberosa</i> (wood-rose).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Yosemitia didactia</i> Dyar (Phycitidae): Cactus (plant).....	Mexico.....	-----	-----	1	Tex.
<i>Zachrysia guanensis</i> Poey (Camaenidae): Baggage.....	Cuba.....	1	-----	-----	Fla.
<i>Zodiatraea lineolata</i> (Wlk.) (Crambidae): <i>Zea mays</i> (corn).....	Bahamas, Guatemala.....	1	2	-----	Fla., Tex.
<i>Zonitoides arboreus</i> (Say) (Zonitidae): Bromeliad (plant)..... Orchid (plant).....	France, Mexico Aruba, Costa Rica, El Salvador, Ger- many, Guatemala, Mexico, Peru.	----- ----- -----	----- ----- -----	2 12 -----	Ariz., Fla. Ariz., Calif.,* Fla., Tex.
Palm (plant)..... <i>Saintpaulia</i> sp. (African-violet)..... Soil with <i>Pmus</i> sp.....	Mexico..... Canada..... Japan.....	----- ----- -----	----- ----- -----	1 1 1	Tex. Wash. Hawaii.
<i>Zygospila bigenera</i> Stal (Chrysomelidae): Orchid (plant).....	Honduras.....	-----	-----	1	Fla.

Hosts and Insects

- ABIES:**
Megastigmus suspectus (Hymenoptera)
ACACIA:
Trogoderma granarium (Coleoptera)
ACALYPHA:
Adoretus sinicus (Coleoptera)
ACHRAS:
Anastrepha serpentina (Diptera)
A GAVE:
Batrachedra linaria (Lepidoptera)
Cauloptes distant (Hemiptera)
Chrysomphalus tingi (Homoptera)
Ligyrocotis aurivilliana (Hemiptera)
Ozophora consanguineus (Hemiptera)
ALLIUM CEPA:
Acrolepia assectella (Lepidoptera)
Myzus ascalonicus (Homoptera)
ALLIUM PORRUM:
Acrolepia assectella (Lepidoptera)
Hispia atra (Lepidoptera)
Limax marginatus (Mollusca)
ALLIUM SATIVUM:
Brachycerus abidentatus (Coleoptera)
Dyspessa ulula (Lepidoptera)
Sinoxylon scedentatum (Coleoptera)
Taeniothrips hawaiiensis (Thysanoptera)
ALLIUM SP.:
Myzus ascalonicus (Homoptera)
ALOE:
Erytochiomera formosa (Hemiptera)
ALPINA:
Coccus viridis (Homoptera)
Geotomus pygmaeus (Hemiptera)
Monomorium destructor (Hymenoptera)
Pentalonia nigronervosa (Homoptera)
Pheidole megacephala (Hymenoptera)
Pulvinaria psidii (Homoptera)
ALSTONIA:
Coccus viridis (Homoptera)
ALYXIA:
Ceroplastes rubens (Homoptera)
Pinnaspis uniloba (Homoptera)
ANACARDIUM:
Schneidereria pistaciella (Lepidoptera)
ANANAS:
Alpheias conspirata (Lepidoptera)
Cryptcephalus marginicollis (Coleoptera)
Neoclytus acuminatus (Coleoptera)
Reticulitermes flavipes (Isoptera)
"Targionia" bromiliae (Homoptera)
ANEMONE:
Myzus ascalonicus (Homoptera)
ANNONA:
Bephredo maculicollis (Hymenoptera)
Cerconota anonella (Lepidoptera)
Ectomyelois ceratoniae (Lepidoptera)
Talponia batesi (Lepidoptera)
ANOGEISSUS:
Trogoderma granarium (Coleoptera)
ANTHURIUM:
Bradybaena similis (Mollusca)
Pheidole megacephala (Hymenoptera)
Pulvinaria psidii (Homoptera)
Selenothrips rubrocinctus (Thysanoptera)
Siphanta acuta (Homoptera)
Xiphidiopsis lita (Homoptera)
ANTIRRHINUM:
Bradybaena similis (Mollusca)
Taeniothrips gracilis (Thysanoptera)
Thrips flavus (Thysanoptera)
APIUM:
Ceciloides acicula (Mollusca)
Pyrrhidium sanguineum (Coleoptera)
Trichia hispida (Mollusca)
Udea ferrugalis (Lepidoptera)
ARACHIS:
Trogoderma granarium (Coleoptera)
ARAUCARIA:
Laspeyresia araucaria (Lepidoptera)
ARBUTUS:
Eucheira socialis (Lepidoptera)
ARMORACIA:
Baris lepidii (Coleoptera)
ARTOCARPUS:
Anaballus amplicollis (Coleoptera)
Aspidiotus palmarum (Homoptera)
Dacus dorsalis (Diptera)
ASPARAGUS:
Bradybaena similis (Mollusca)
Conoderus exsul (Coleoptera)
ASPASIA:
Vinsonia stellifera (Homoptera)
ASTER:
Haplothrips gowdeyi (Thysanoptera)
BAMBOO:
Asterolecanium milaris milaris (Homoptera)
Lyctus africanus (Coleoptera)
Minthea rugicollis (Coleoptera)
Neoadozoplatys saileri (Hemiptera)
Platypus rugulosus (Coleoptera)
BAMBUSA:
Asterolecanium bambusae (Homoptera)
A. pseudomiliaris (Homoptera)
BARRINGTONIA:
Ectomyelois ceratoniae (Lepidoptera)
BAUHINIA:
Protopulvinaria pyriformis (Homoptera)
BEAUCHARNEA:
Lepidosaphes carinata (Homoptera)
BENINCASA:
Pachybrachius albocinctus (Hemiptera)
BETA:
Arion ater (Mollusca)
Gnorimoschema ocellatella (Lepidoptera)
Helix aperta (Mollusca)
H. aspersa (Mollusca)
Lixus junci (Coleoptera)
Mamestra brassicae (Lepidoptera)
BETULA:
Eriophyes leionotus (Acarina)
BRASSAVOLA:
Orthalicus undatus (Mollusca)
BRASSIA:
Vinsonia stellifera (Homoptera)
BRASSICA CHINENSIS:
Mamestra brassicae (Lepidoptera)
BRASSICA OLERACEA VAR. BOTRYTIS:
Autographa gamma (Lepidoptera)
Cochlicella ventrosa (Mollusca)
Helix aperta (Mollusca)
Mamestra brassicae (Lepidoptera)
Milax gagates (Mollusca)
Phytomyza rufipes (Diptera)
Pieris brassicae (Lepidoptera)
Theba pisana (Mollusca)
Udea ferrugalis (Lepidoptera)
BRASSICA OLERACEA VAR. CAPITATA:
Anacridium aegyptium (Orthoptera)
Arion hortensis (Mollusca)
Evergestis forficatus (Lepidoptera)
Helix aperta (Mollusca)
H. aspersa (Mollusca)
Limax marginatus (Mollusca)
Mamestra brassicae (Lepidoptera)
Milax gagates (Mollusca)
Otala lactea (Mollusca)
Oulema melanopa (Coleoptera)
Pieris brassicae (Lepidoptera)
Theba pisana (Mollusca)
Trichia hispida (Mollusca)
Udea ferrugalis (Lepidoptera)
Vaginulus occidentalis (?) (Mollusca)
Vitina diaphana (Mollusca)
BRASSICA RAPA:
Ceutorhynchus pleurostigma (Coleoptera)
BRASSICA SP.:
Loxostege bifidialis (Lepidoptera)
BROMELIAD:
Acentroptera nevermanni (Coleoptera)
Althos obscurus (Hemiptera)
Ancylostoma stercora (Lepidoptera)
Arion ater (Mollusca)
Arphnus melanotylus (Hemiptera)
Aspidiotus mendax (Homoptera)
A. palmarum (Homoptera)
Atheas nigricornis (Hemiptera)
Chrysomphalus umboniferus (Homoptera)
Cryphula apicata (Hemiptera)
Drymaeus alternans (Mollusca)
D. hegewischi (Mollusca)
Ethelema solbrina (Coleoptera)
Ezptochioma tumens (Hemiptera)

Hosts and Insects—Continued

BROMELIAD—Continued

- Galgupha punctifer* (Hemiptera)
G. quadrisignata (Hemiptera)
Helictia oventiana(?) (Mollusca)
H. zephyrina (Mollusca)
Iridomyrmex iniquus (Hymenoptera)
Lamellaris gracilis (Mollusca)
Limax marginatus (Mollusca)
Mecolaelmus carvalhoi (Hemiptera)
Monanthia monotropidia (Hemiptera)
Nasutitermes ephratae (Isoptera)
N. nigriceps (Isoptera)
Opomus nigripennis pulcher (Hemiptera)
Orthalicus boucardi (Mollusca)
Pachybrachius albocinctus (Hemiptera)
Plagiodera punctifera (Coleoptera)
Pseudoparlatoria turgida (Homoptera)
Termtaphylla fulviroides (Hemiptera)
Vaginulus occidentalis (Mollusca)
Zonitoides arboreus (Mollusca)

BROUGHTONIA:

- Asterolecanium epidendri* (Homoptera)
Vinsonia stellifera (Homoptera)

BUXUS:

- Eriophyes canestrinii* (Acarina)

CACTUS:

- Amitermes wheeleri* (Isoptera)
Bulimulus hepatostomus (Mollusca)
Cryphula apicata (Hemiptera)
Gymnococcus agavum (Homoptera)
Lepidosaphes philococcus (Homoptera)
Polygyra richardsoni (Mollusca)
Reticulitermes flavipes (Isoptera)
Sisamnes contractus (Hemiptera)
Yosemitia didactyla (Lepidoptera)

CAESALPINIA:

- Mimosastes sallaei* (Coleoptera)

CAJANUS:

- Acanthoscelides armilagai* (Coleoptera)
A. griseolus (Coleoptera)
Ancylostoma stercorea (Lepidoptera)
Callosobruchus analis (Coleoptera)
Fundella pellucens (Lepidoptera)
Maruca testulalis (Lepidoptera)
Sphenarches caffer (Lepidoptera)
Trogoderma granarium (Coleoptera)

CALADIUM:

- Vaginulus occidentalis*(?) (Mollusca)

CALLISTEPHUS:

- Taeniothrips atratus* (Thysanoptera)
T. ericae (Thysanoptera)
Thrips major (Thysanoptera)

CALLUNA:

- Aphis callunae* (Homoptera)
Lygus rugulipennis (Hemiptera)
Orthotylus ericetorum (Hemiptera)
Rhinocola ericae (Homoptera)
Taeniothrips atratus (Thysanoptera)
T. ericae (Thysanoptera)

CALOCARPUM:

- Anastrepha serpentina* (Diptera)

CALOTROPIS:

- Taeniothrips hawaiiensis* (Thysanoptera)

CAMELLIA:

- Aleurotrachelus camelliae* (Homoptera)
Florinia theae (Homoptera)

CANAVALLA:

- Lampides boeticus* (Lepidoptera)
Maruca testulalis (Lepidoptera)
Taeniothrips ciliicornis (Thysanoptera)

CAPSICUM:

- Ceratitis capitata* (Diptera)
Ephestia calidella (Lepidoptera)
Gnorimoschema borsaniella (Lepidoptera)
G. gudmannella (Lepidoptera)
Ostrinia nubilalis (Lepidoptera)
Platynota rostrana (Lepidoptera)
Prodenia litura (Lepidoptera)
Sterrhia inquinata (Lepidoptera)

CARICA:

- Dacus dorsalis* (Diptera)
Toxotrypana curvicauda (Diptera)

CARISSA:

- Pulvinaria psidii* (Homoptera)

CASIMIROA:

- Anastrepha ludens* (Diptera)

CASSIA:

- Aganactesis indecora* (Lepidoptera)

CASTANEA:

- Curculio elephas* (Coleoptera)
C. nucum (Coleoptera)
Helix aspersa (Mollusca)
Heterogenes asella (Lepidoptera)
Laspeyresia splendana (Lepidoptera)

CATTLEYA:

- Asterolecanium epidendri* (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Eurytoma orchidearum (Hymenoptera)
Puto ulter (Homoptera)
Vinsonia stellifera (Homoptera)

CEDRUS:

- Cochlicella ventrosa* (Mollusca)

CEPHALOCEREUS:

- Lepidosaphes philococcus* (Homoptera)

CERATONIA:

- Ectomyelois ceratoniae* (Lepidoptera)

CHAMAEDOREA:

- Amnestus uhleri* (Hemiptera)
Chrysomphalus sphaeroides (Homoptera)
Helictia zephyrina (Mollusca)
Lorostege similalis (Lepidoptera)
Parisoschoenus flavolimbatus (Coleoptera)
Veronicella moreleti (Mollusca)

CHRYSANthemUM:

- Cleistolophus similis* (Coleoptera)
Conotelus mexicanus (Coleoptera)
Frankliniella formosae (Thysanoptera)
F. schultzei (Thysanoptera)
F. williamsi (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Lygus lineolaris (Hemiptera)
Nysius tenellus (Hemiptera)
Ostrinia nubilalis (Lepidoptera)
Stephanitis nashi (Hemiptera)
Taeniothrips hawaiiensis (Thysanoptera)
Tetranychus cinnabarinus (Acarina)
Thrips flavus (Thysanoptera)
T. imaginis (Thysanoptera)

CIBOTIUM:

- Ceroplastes rubens* (Homoptera)

CICER:

- Ancylostoma stercorea* (Lepidoptera)

CICHORIUM:

- Helicella itala* (Mollusca)

CINNAMOMUM:

- Trogoderma granarium* (Coleoptera)

CITRULLUS:

- Heterotermes maculatus* (Isoptera)
Jadera rufoscula (Hemiptera)

CITRUS AURANTIFOLIA:

- Aleurocanthus woglumi* (Homoptera)
Anastrepha ludens (Diptera)
Chrysomphalus personatus (Homoptera)
Morganella longispina (Homoptera)
Paragonatus divergens (Hemiptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Pheidole megacephala (Hymenoptera)
Pseudonidia trilobitiformis (Homoptera)
Unaspis citri (Homoptera)
U. yanonensis (Homoptera)
Valtassius diversus (Hemiptera)

CITRUS AURANTIUM:

- Anastrepha ludens* (Diptera)
Aonidiella citrina (Homoptera)
Chrysomphalus personatus (Homoptera)
Unaspis yanonensis (Homoptera)

CITRUS GRANDIS:

- Ceratitis capitata* (Diptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Unaspis yanonensis (Homoptera)

CITRUS ICHANGENSIS X C. RETICULATA:

- Unaspis yanonensis* (Homoptera)

CITRUS LIMON:

- Ceratitis capitata* (Diptera)
Chrysomphalus personatus (Homoptera)
Ectomyelois ceratoniae (Lepidoptera)
Parlatoria cinerea (Homoptera)
P. citri (Homoptera)
P. zizyphus (Homoptera)

Hosts and Insects—Continued.

CITRUS LIMON—Continued

- Pseudonidia trilobitiformis* (Homoptera)
- Pseudococcus gahani* (Homoptera)
- Unaspis citri* (Homoptera)
- U. yanonensis* (Homoptera)

CITRUS MITIS:

- Unaspis yanonensis* (Homoptera)

CITRUS PARADISI:

- Anastrepha ludens* (Diptera)
- Aonidiella comperi* (Homoptera)
- Ceratitis capitata* (Diptera)
- Chrysomphalus personatus* (Homoptera)
- Ectomyeiois ceratoniae* (Lepidoptera)
- Morganella longispina* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- P. zizyphus* (Homoptera)
- Pseudonidia trilobitiformis* (Homoptera)
- Unaspis citri* (Homoptera)
- U. yanonensis* (Homoptera)

CITRUS PARADISI X C. RETICULATA:

- U. yanonensis* (Homoptera)

CITRUS RETICULATA:

- Aonidiella citrina* (Homoptera)
- Ceratitis capitata* (Diptera)
- Helix aspersa* (Mollusca)
- Parlatoria cinerea* (Homoptera)
- P. citri* (Homoptera)
- P. zizyphus* (Homoptera)
- Unaspis citri* (Homoptera)
- U. yanonensis* (Homoptera)

CITRUS RETICULATA HYBRID:

- Unaspis yanonensis* (Homoptera)

CITRUS SINENSIS:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha ludens* (Diptera)
- A. mombinpraeoptans* (Diptera)
- Aonidiella citrina* (Homoptera)
- Brevipalpus oboratus* (Acarina)
- Ceratitis capitata* (Diptera)
- Chrysomphalus personatus* (Homoptera)
- Cryptoblabes gnidiella* (Lepidoptera)
- Cryptophlebia leucotreta* (Lepidoptera)
- Ctenoglyphus plumiger* (Acarina)
- Dialeurodes citrifolii* (Homoptera)
- Ectomyeiois ceratoniae* (Lepidoptera)
- Gymnandrosoma aurantianum* (Lepidoptera)
- Morganella longispina* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- P. citri* (Homoptera)
- P. zizyphus* (Homoptera)
- Pseudococcus citriculcus* (Homoptera)
- P. gahani* (Homoptera)
- Tetraleurodes aucubae* (Homoptera)
- Unaspis citri* (Homoptera)
- U. yanonensis* (Homoptera)

CITRUS SP.:

- Aleurocanthus citripertus* (Homoptera)
- A. woglumi* (Homoptera)
- Coccus viridis* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Tetraleurodes variabilis* (Homoptera)
- T. vitrinellus* (Homoptera)
- Unaspis citri* (Homoptera)
- U. yanonensis* (Homoptera)

CLEMATIS:

- Helicella trochoides* (Mollusca)

CLUSIA:

- Pulvinaria psidii* (Homoptera)

COCOS:

- Agonoxena pyrogramma* (Lepidoptera)
- Aonidiella inornata* (Homoptera)
- Aspidiotus destructor* (Homoptera)
- A. excisus* (Homoptera)
- A. palmae* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Diocalandra taiensis* (Coleoptera)
- Furcaspis oceanica* (Homoptera)
- Lepidosaphes esakii* (Homoptera)
- Pheidole megacephala* (Hymenoptera)
- Pseudococcus palmarum* (Homoptera)

CODIAEUM:

- Achaea janata* (Lepidoptera)
- Lepidosaphes tokionis* (Homoptera)
- Parlatoria crotonis* (Homoptera)

COFFEA:

- Campylenchia hastata* (Homoptera)

Ceratitis capitata (Diptera)

- C. colae* (Diptera)
- Coccus alpinus* (Homoptera)
- C. viridis* (Homoptera)
- Cryptophlebia leucotreta* (Lepidoptera)
- Leucoptera coffeella* (Lepidoptera)
- Stephanoderes hampei* (Coleoptera)

COLA:

- "*Lecanium*" *catori* (tentative) (Homoptera)

COLOCASIA:

- Limaz marginatus* (Mollusca)
- Orychilus alliarius* (Mollusca)
- Ozophora quinque maculata* (Hemiptera)
- Pentalonia nigronerrosa* (Homoptera)
- Pheidole megacephala* (Hymenoptera)

CONVALLARIA:

- Taeniothrips picipes* (Thysanoptera)

CORDYLINE:

- Geotomus pygmaeus* (Hemiptera)
- Pinnaspis buzi* (Homoptera)
- Pseudococcus boninensis* (Homoptera)
- Selenothrips rubrocinctus* (Thysanoptera)

CORYLUS:

- Curculio nucum* (Coleoptera)

COTINUS:

- Helicella itala* (Mollusca)
- Trichia striolata* (Mollusca)

CRATAEGUS:

- Psylla melanoneura* (?) (Homoptera)

CUCUMIS:

- Apomecyna saltator* (Coleoptera)
- Diaphania indica* (Lepidoptera)
- Melanathus planifrons* (Hemiptera)

CUCURBITA:

- Conotelus mexicanus* (Coleoptera)
- Udea ferrugalis* (Lepidoptera)

CUMINUM:

- Trogoderma granarium* (Coleoptera)

CUPRESSUS:

- Diaspis minima* (Homoptera)

CURCUMA:

- Trogoderma granarium* (Coleoptera)

CYAMOPSIS:

- Trogoderma granarium* (Coleoptera)

CYCAS:

- Aonidiella inornata* (Homoptera)

- Aspidiotus palmae* (Homoptera)

CYCLAMEN:

- Frankliniella formosae* (Thysanoptera)

CYCNOCHES:

- Iridomyrmex iniquus* (Hymenoptera)

CYDONIA:

- Anastrepha ludens* (Diptera)
- Ceratitis capitata* (Diptera)
- Chrysomphalus odontoglossi* (Homoptera)
- Ectomyeiois ceratoniae* (Lepidoptera)
- Grapholitha packardii* (Lepidoptera)

CYMBIDIUM:

- Lepidosaphes tuberculata* (Homoptera)

CYMBOPOGON:

- "*Targionia*" *sacchari* (Homoptera)

CYNARA:

- Anuraphis apiifolia* (Homoptera)
- Gortyna flarago* (Lepidoptera)

CYTISUS:

- Agonopterix costosa* (Lepidoptera)
- Bruchidius lridimanus* (Coleoptera)

DALBERGIA:

- Nasutitermes corniger* (Isoptera)
- Sinozylon anale* (Coleoptera)
- S. conigerum* (Coleoptera)

DAPHNE:

- Lecanium persicae* (tentative) (Homoptera)

DENDROBIUM:

- Chrysomphalus nulliporus* (Homoptera)

DIACHAEA:

- Chrysomphalus umboniferus* (Homoptera)

DIANTHUS:

- Cacoeimorpha pronubana* (Lepidoptera)
- Frankliniella formosae* (Thysanoptera)
- F. intonsa* (Thysanoptera)
- F. schultzei* (Thysanoptera)
- Haplothrips cotei* (Thysanoptera)
- Heliethis armigera* (Lepidoptera)
- Taeniothrips atratus* (Thysanoptera)
- T. discolor* (tentative) (Thysanoptera)

Hosts and Insects—Continued

DIANTHUS—Continued

- T. hawaiiensis* (Thysanoptera)
- Tetranychus cinnabarinus* (Acarina)
- Thrips flarus* (Thysanoptera)
- T. major* (Thysanoptera)
- Trichia striolata* (Mollusca)

DIGITARIA:

- Antonina graminis* (Homoptera)

DIOSCOREA:

- "*Targionia*" *hartii* (Homoptera)

DIOSPYROS:

- Ceratitis capitata* (Diptera)
- Lepidosaphes conchiformoides* (Homoptera)

DISPORUM:

- Frankliniella formosae* (Thysanoptera)

DOLICHOS:

- Maruca testulalis* (Lepidoptera)

DRACAENA:

- Chrysomphalus nigropunctatus* (tentative) (Homoptera)
- Lepidosaphes celtis* (Homoptera)
- Pheidole megacephala* (Hymenoptera)
- Pinnae sp. buzi* (Homoptera)

DUDLEYA:

- Micrarionta stearnsiana* (Mollusca)
- Targionia yuccarum* (Homoptera)

ECHINODORUS:

- Aleurodicus iridescens* (Homoptera)
- Limax marginatus* (Mollusca)

ENCEPHALARTOS:

- Cecilioides aperta* (?) (Mollusca)

EPIDENDRUM:

- Asterolecanium epidendri* (Homoptera)
- Orthalicus undatus* (Mollusca)
- Puto mexicanus* (Homoptera)
- Vinsonia stellifera* (Homoptera)

EPIGAEA:

- Aulacaspis ericacearum* (tentative) (Homoptera)

ERICA:

- Trichia hispida* (Mollusca)

ERIOBOTRYA:

- Ceratitis capitata* (Diptera)

EUGENIA:

- Anastrepha mombin praeoptans* (Diptera)
- Coccus dorsalis* (?) (Diptera)
- Selenothrips rubrocinctus* (Thysanoptera)

EUPHORBIA:

- Asterolecanium euphorbiae* (Homoptera)

FAGUS:

- Adelphocoris lineolatus* (Hemiptera)

FICUS:

- Ceratitis capitata* (Diptera)
- Ectomyelois ceratoniae* (Lepidoptera)
- Goniogaster varicolaris* (Hymenoptera)
- Helicella pyramidata* (Mollusca)
- Lepidosaphes ficus* (Homoptera)
- Pheidole megacephala* (Hymenoptera)
- Pseudoschnaspis boureyi* (Homoptera)

FOENICULUM:

- Anuraphis apiifolia* (Homoptera)
- Systole albipennis* (Hymenoptera)

FRAGARIA:

- Aleyrodes loniceræ* (Homoptera)
- Arianta arbustorum* (Mollusca)
- Ceratoma atrofasciata* (Coleoptera)
- Membracis mexicana* (Homoptera)
- "*Microporus*" *nigrinus* (Hemiptera)
- Peritrechus sylvestris* (Hemiptera)
- Philaenus leucophthalmus* (Homoptera)
- Rhyarochromus immaculatus* (Hemiptera)
- Stygocoris fuliginosus* (Hemiptera)

GARCINIA:

- Akermes andersoni* (Homoptera)
- Selenothrips rubrocinctus* (Thysanoptera)

GARDENIA:

- Coccus viridis* (Homoptera)
- Conotelus mexicanus* (Coleoptera)
- Dialeurodes kirkaldyi* (Homoptera)
- Eucalyptatus tessellatus* (Homoptera)
- Frankliniella formosae* (Thysanoptera)
- Nysius coenosulus* (Hemiptera)
- Orthesia pseudinisignis* (Homoptera)
- Pealius hibisci* (Homoptera)
- Protopulvinaria longibulata* (Homoptera)
- P. pyriformis* (Homoptera)
- Pseudococcus ferrisi* (Homoptera)

- Pulvinaria psidii* (Homoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)
- Thrips flarus* (Thysanoptera)

GENTIANA:

- Stenoptilia stigmatodactyla* (Lepidoptera)
- Taeniothrips picipes* (Thysanoptera)

GLADIOLUS:

- Frankliniella intonsa* (Thysanoptera)
- Macroscytus brunneus* (Hemiptera)
- Prodenia litura* (Lepidoptera)

GLYCINE:

- Trogoderma granarium* (Coleoptera)

GLYCYRRHIZA:

- Bostrichus capucinus* (Coleoptera)
- Lyctus africanus* (Coleoptera)

GONGORA:

- Vinsonia stellifera* (Homoptera)

GOSSYPIMUM:

- Orycaerus hyalinipennis* (Hemiptera)
- Pectinophora gossypiella* (Lepidoptera)

GRAMINEAE:

- Metopoplax ditomoides* (Hemiptera)

HEDERA:

- Poucasia ovata* (Homoptera)

HELICHRYSUM:

- Haplothrips gowdeyi* (Thysanoptera)

HIBISCUS:

- Earias insulana* (Lepidoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Pectinophora gossypiella* (Lepidoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)

ILEX:

- Phophobota naevana* (Lepidoptera)

IMPATIENS:

- Helicella caperata* (Mollusca)

IPOMOEA:

- Cylas formicarius* var. (Coleoptera)
- C. formicarius elegantulus* (Coleoptera)
- C. puncticollis* (Coleoptera)
- Euscepes postfasciatus* (Coleoptera)

IPOMOEA (?):

- Megacerus alternatus* (Coleoptera)

IRIS:

- Iridothrips iridis* (Thysanoptera)
- Limothrips denticonis* (Thysanoptera)

ISOTOMA:

- Pentalonia nigronervosa* (Homoptera)

IXORA:

- Coccus viridis* (Homoptera)
- Pulvinaria psidii* (Homoptera)

JACARANDA:

- Coptotermes testaceus* (Isoptera)

JASMINUM:

- Dialeurodes kirkaldyi* (Homoptera)
- Palpita unionalis* (Lepidoptera)
- Parlatoria cinerea* (Homoptera)

JUGLANS:

- Ectomyelois ceratoniae* (Lepidoptera)

JUNIPERUS:

- Diaspis juniperi* (Homoptera)
- Limax marginatus* (Mollusca)
- Oligonychus perditus* (Acarina)
- Pentamerismus oregonensis* (Acarina)

KALANCHOE:

- Siphanta acuta* (Homoptera)

KENTIA:

- Aspidiotus destructor* (Homoptera)
- A. palmae* (Homoptera)

LACTUCA:

- Anuraphis cardui* (Homoptera)
- Arion hortensis* (Mollusca)
- Autographa gamma* (Lepidoptera)
- Helicella itala* (Mollusca)
- Helix aspersa* (Mollusca)
- Limax marginatus* (Mollusca)
- Mamestra brassicae* (Lepidoptera)
- Poecilozonites circumfirmatus* (Mollusca)
- Theba pisana* (Mollusca)
- Thrips anastictes* (Thysanoptera)

LAGERSTROEMIA:

- Pulvinaria psidii* (Homoptera)

LATHYRUS:

- Bruchus signaticornis* (Coleoptera)
- B. tristis* (Coleoptera)
- Conotelus mexicanus* (Coleoptera)

Hosts and Insects—Continued

- LATHYRUS—Continued
Taeniothrips atratus (Thysanoptera)
- LAURUS:
Aleurothrixus myrtacei (Homoptera)
Chrysomphalus pallistius (tentative) (Homoptera)
Helicella conspurcata (Mollusca)
- LENS:
Acanthoscelides griseolus (Coleoptera)
Bruchus ervi (Coleoptera)
B. lentis (Coleoptera)
B. signaticornis (Coleoptera)
- LEUCAENA:
Araecerus leipennis (Coleoptera)
- LIGUSTRUM:
Spanioneura fonscolombei (Homoptera)
- LILIACEAE:
Trichia hispida (Mollusca)
- LILIUM:
Otala vermiculata (Mollusca)
- LITCHI:
Frankliniella formosae (Thysanoptera)
Planococcus dorsospinosus (Homoptera)
Pulvinaria psidii (Homoptera)
- LUPINUS:
Bruchus tristis (Coleoptera)
- LYCASTE:
Vinsonia stellifera (Homoptera)
- LYCOPERSICON:
Gnorimoschema guadamannella (Lepidoptera)
Hemiteuchus androsi (Mollusca)
Ligyrocoris aurivilliana (Hemiptera)
Neoleucinodes elegantalis (Lepidoptera)
Plectia plagiata (Diptera)
- LYCORIS:
Taeniothrips gracilis (Thysanoptera)
- MACROZAMIA:
Tranes internatus (Coleoptera)
- MALUS:
Argyresthia conjugella (Lepidoptera)
Arion hortensis (Mollusca)
Elastodacna atra (Lepidoptera)
Carposina niponensis (Lepidoptera)
Ceratitis capitata (Diptera)
Glycyphagus michaeli (Acarina)
Grapholitha janthiana (Lepidoptera)
Leucoptera scitella (Lepidoptera)
Ostrinia nubilalis (Lepidoptera)
Tetranychus viennensis (Acarina)
Trichia hispida (Mollusca)
- MALVAVISCUS:
Lepidosaphes crotonis (Homoptera)
- MANGIFERA:
Adoretus sinicus (Coleoptera)
Anastrepha ludens (Diptera)
A. mombinpraepitans (Diptera)
Aulacaspis tubercularis (Homoptera)
Chrysomphalus personatus (Homoptera)
Dacus dorsalis (Diptera)
Lepidosaphes tubulorum (Homoptera)
Pseudonidia trilobitiformis (Homoptera)
Pseudischinaspis longissima (Homoptera)
Sternonchetus mangiferae (Coleoptera)
- MANIHOT:
Heterotermes convezinotatus (Isoptera)
- MARANTA:
Aspidiotus destructor (Homoptera)
- MENTHA:
Corythaica carinata (Hemiptera)
Psylla pyri (Homoptera)
Teleonemia scrupulosa (Hemiptera)
- MIMOSA:
Gonocerus insidiator (Hemiptera)
- MIRABILIS:
Cochlicella barbara (Mollusca)
Helicella maritima (Mollusca)
H. variabilis (Mollusca)
Hygromia cinctella (Mollusca)
- MOLUCELLA:
Haplothrips gowdeyi (Thysanoptera)
- MONTANOA:
Corythucha mcfreshi (Hemiptera)
- MURRAYA:
Dacus dorsalis (Diptera)
- MUSA:
Bulimulus unicolor (Mollusca)
- Cosmopolites sordidus* (Coleoptera)
Dacus dorsalis (Diptera)
Epilachna borealis var. (Coleoptera)
Metamasius hemipterus sericeus (Coleoptera)
Nasutitermes dendrophilus (Isoptera)
Ogopona sacchari (Lepidoptera)
Orthalicus obductus (Mollusca)
Pentalonia nigronerrosa (Homoptera)
Pheidole megacephala (Hymenoptera)
Platoeceticus symmicta (Lepidoptera)
Polygyra matermontana (Mollusca)
Porphyrobaphe iostoma (Mollusca)
Pyrgocorypha sallei (Orthoptera)
Veronicella moreleti (Mollusca)
- MUSCARI:
Theba pisana (Mollusca)
- MYROTHAMNUS:
Sculptaria reticulata (Mollusca)
- MYRTILLOCACTUS:
Opuntiaspis philococcus (Homoptera)
- NARCISUS:
Stenotarsonemus laticeps (Acarina)
Taeniothrips gracilis (Thysanoptera)
T. hawaiiensis (Thysanoptera)
- NEOMOOREA:
Pinnaspis buzi (Homoptera)
- NERINE:
Haplothrips gowdeyi (Thysanoptera)
- NERIUM:
Poecilozonites circumfirmatus (Mollusca)
- NOLINA:
Pseudodiaspis yuccae (Homoptera)
- ODONTOGLOSSUM:
Asterolecanium epidendri (Homoptera)
- OLEA:
Dacus oleae (Diptera)
Euphyllura olivina (Homoptera)
Phloeotribus scarabaeoides (Coleoptera)
Prays oleellus (Diptera)
- ONCIDIUM:
Asterolecanium epidendri (Homoptera)
Capanus tetricus (Hemiptera)
Pseudoparlatoria ostreata (Homoptera)
Tenthercoris vestitus (Hemiptera)
Vinsonia stellifera (Homoptera)
- ONOBRYCHIS:
Helicella striata (Mollusca)
H. variabilis (Mollusca)
Monacha carthusiana (Mollusca)
- OPERCULINA:
Dendrothripoides ipomeae (Thysanoptera)
Xystrocrea globosa (Coleoptera)
- OPUNTIA:
Ceratitis capitata (Diptera)
Helicella striata (Mollusca)
- ORANIA:
Morganella longispina (Homoptera)
- ORBIGNYA:
Asterolecanium simile (Homoptera)
Heterotermes convezinotatus (Isoptera)
- ORCHID:
Adoretus sinicus (Coleoptera)
Aeolus pictus (Coleoptera)
Antilloecoris punctatus (Hemiptera)
Antiteuchus panamensis (Hemiptera)
Asterolecanium epidendri (Homoptera)
Bathydema socia (Hemiptera)
Capanus tetricus (Hemiptera)
Cecilioides acicula (Mollusca)
Chondropoma picta (?) (Mollusca)
Chrysomphalus umboniferus (Homoptera)
Conchaspis orchidarum (Homoptera)
Cryphula apicata (Hemiptera)
Dendrocoris variegatus (Hemiptera)
Drymaeus alternans (Mollusca)
D. cuernnacensis (Mollusca)
D. heynemanni (Mollusca)
D. multilineatus (Mollusca)
D. rudis (Mollusca)
Eucalymnatus tessellatus (Homoptera)
Eurytoma orchidearum (Hymenoptera)
Eustrophinus marginatus (Coleoptera)
Ezplotchiomera albomaculata (Hemiptera)
E. confusa (Hemiptera)
Frankliniella williamsi (Thysanoptera)

Hosts and Insects—Continued

ORCHID—Continued

Galgupha quadrisignata (Hemiptera)
Genaparlatoria pseudaspidiatus (Homoptera)
Haplothrips gowdeyi (Thysanoptera)
Helicina durangoana (?) (Mollusca)
H. neritella (Mollusca)
H. substriata (Mollusca)
Helix aspersa (Mollusca)
Hemiteochus androsi (Mollusca)
H. streatori (Mollusca)
Heterotermes convexinotatus (Isoptera)
Iridomyrmex iniquus (Hymenoptera)
I. pilifer (Hymenoptera)
Jadera sanguinolenta (Hemiptera)
Jenneretia multistriata (Mollusca)
Lamellaxis gracilis (Mollusca)
L. micra (Mollusca)
Largus affinis (?) (Hemiptera)
Limax marginatus (Mollusca)
Malacorhinus foveipennis (Coleoptera)
Monomorium destructor (Hymenoptera)
Mormidea pictiventris (Hemiptera)
Myodocha longicollis (Hemiptera)
Nasutitermes corniger (Isoptera)
N. ephratae (Isoptera)
N. nigriceps (Isoptera)
N. rippertii (Isoptera)
Neolobophora inopinata (Dermaptera)
Nesocia nigrispina (Orthoptera)
Ogdocoeca guttifer (Coleoptera)
Opeas pyrgula (Mollusca)
Opogona sacchari (Lepidoptera)
Orthalicus decolor (Mollusca)
O. pulchellus protoglyptus (Mollusca)
O. undatus (Mollusca)
Pachybrachius intermedius (Hemiptera)
Parocanthus annulatus (Orthoptera)
Pheidole megacephala (Hymenoptera)
Pinnaspis buxi (Homoptera)
Polygyra bahamensis (Mollusca)
Praticolella ampla (Mollusca)
Pseudoschnaspis alienus (Homoptera)
P. bowreyi (Homoptera)
Pseudoparlatoria ostreata (Homoptera)
Pseudophasma cyllarus (Phasmatodea)
Puto mexicanus (Homoptera)
P. ulter (Homoptera)
Radiodiscus proameri (Mollusca)
Reliculitermes flavipes (Isoptera)
Schasicheila bahamensis (Mollusca)
Stereotydes mexicanus (Acarina)
Subulina octona (Mollusca)
Tenthecoris angustimarginatus (Hemiptera)
T. confusus (Hemiptera)
T. distinctus (Hemiptera)
T. exilis (Hemiptera)
T. eucuelensis (Hemiptera)
Terastria meticuloalalis (Lepidoptera)
Vaginulus occidentalis (Mollusca)
Valtisius diversus (Hemiptera)
Vilga dissimilis (Hemiptera)
V. divarigata (Hemiptera)
Vinsonia stellifera (Homoptera)
Zonitoides arboreus (Mollusca)
Zygospila bigenera (Coleoptera)

ORNITHOGALUM:

Blissus diplopterus (Hemiptera)
Diaphone eumela (Lepidoptera)
Epichorista ionephela (Lepidoptera)
Haplothrips gowdeyi (Thysanoptera)
Oryzaenus hyalinipennis (Hemiptera)

ORYZA:

Chilo suppressalis (Lepidoptera)
Frankliniella formosae (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)
Trogoderma granarium (Coleoptera)

PACHYCEREUS:

Lepidosaphes philococcus (Homoptera)

PALM:

Helix aspersa (Mollusca)
Neocyclus dysoni cooki (Mollusca)
Pheidole megacephala (Hymenoptera)
Rumina decollata (Mollusca)
Zonitoides arboreus (Mollusca)

PANDANUS:

Ceratitis capitata (?) (Diptera)
Frankliniella formosae (Thysanoptera)
Suidasia medianensis (Acarina)

PASPALUM:

Tetraleurodes graminis (Homoptera)

PELARGONIUM:

Helix aspersa (Mollusca)
Pseudoparlatoria ostreata (Homoptera)
Udea ferrugalis (Lepidoptera)

PEPEROMIA:

Limax marginatus (Mollusca)
Protopulvinaria longivalvata (Homoptera)

PERSEA:

Conotrachelus aguacatae (Coleoptera)
C. perseae (Coleoptera)
Stenoma catenifer (Lepidoptera)
Trialeurodes similis (Homoptera)
Trioza anceps (Homoptera)

PETROSELINUM:

Peritrechus nubilus (Hemiptera)
Plinthius brevipennis (Hemiptera)
Taeniothrips atratus (Thysanoptera)
Theba pisana (Mollusca)

PHAIUS:

Siphanta acuta (Homoptera)

PHASEOLUS:

Acanthoscelides armitagei (Coleoptera)
A. griseolus (Coleoptera)
Ancylostoma stercorea (Lepidoptera)
Apion griseum (Coleoptera)
Callosobruchus analis (Coleoptera)
Cryptophlebia ombrodelta (Lepidoptera)
Epinotia aporema (Lepidoptera)
Eberes comyntas (Lepidoptera)
Fundella pellucens (Lepidoptera)
Maruca testulalis (Lepidoptera)
Matsumuraes phaseoli (Lepidoptera)
Ostrinia nubilalis (Lepidoptera)
Tetranychus cinnabarinus (Acarina)
Trogoderma granarium (Coleoptera)

PHILADELPHUS:

Lecanium corni (Homoptera)

PHILODENDRON:

Chrysomphalus tenax (Homoptera)
C. umboniferus (Homoptera)
Coryda nemoraloides (Mollusca)
Ezptochiera formosa (Hemiptera)
Vaginulus occidentalis (Mollusca)

PHRAGMITES:

Nipponaclerda biwakoensis (Homoptera)
Sclerocona acutellus (Lepidoptera)

PHYSALIS:

Platynota rostrana (Lepidoptera)

PICEA:

Megastigmus strobilobius (Hymenoptera)

PINUS:

Dichocrocis punctiferalis (Lepidoptera)
Heterotermes convexinotatus (Isoptera)
Leucaspis pusilla (Homoptera)
Petrova cristata (Lepidoptera)
Rhyacionia buoliana (Lepidoptera)

PISTACIA:

Megastigmus pistaciae (Hymenoptera)
Schneidereria pistaciella (Lepidoptera)

PISUM:

Acanthoscelides armitagei (Coleoptera)
A. griseolus (Coleoptera)
Ancylostoma stercorea (Lepidoptera)
Eberes comyntas (Lepidoptera)
Fundella pellucens (Lepidoptera)
Lampides boeticus (Lepidoptera)
Laspeyresia nigricana (Lepidoptera)
Trogoderma granarium (Coleoptera)

PITHECELLOBIUM:

Cryptophlebia ombrodelta (Lepidoptera)

PLEUROTHALIS:

Platynota rostrana (Lepidoptera)

PLUMERIA:

Coccus viridis (Homoptera)
Conotelus mexicanus (Coleoptera)
Spodoptera mauritia acronyctoides (Lepidoptera)
Taeniothrips hawaiiensis (Thysanoptera)

POLIANTHES:

Coccus viridis (Homoptera)

Hosts and Insects—Continued

POLIANTHES—Continued

Haplothrips gowdeyi (Thysanoptera)

POLYPODIUM:

Ceroplastes rubens (Homoptera)

PORTULACA:

Haplothrips clarisetis (?) (Thysanoptera)

PRIMULA:

Trichia striolata (Mollusca)

PROSOPIIS:

Ofatulena duodecimstriata (Lepidoptera)

PROTEA:

Homothrips distinctus (Thysanoptera)*Selenaspis silvaticus* (Homoptera)

PRUNUS AMYGDALUS:

Ectomyelois ceratoniae (Lepidoptera)

PRUNUS ARMENTACA:

Blissus diplopterus (Hemiptera)

PRUNUS DOMESTICA:

Aspidiotus destructor (Homoptera)*Ceratitis capitata* (Diptera)*Grapholitha funebrana* (Lepidoptera)

PRUNUS PERSICA:

Ceratitis capitata (Diptera)*Clysiaria ambigua* (Lepidoptera)

PRUNUS PERSICA VAR. NECTARINA:

Ceratitis capitata (Diptera)*Loxostege amitina* (Lepidoptera)

PRUNUS SP. (cherry):

Rhagoletis cerasi (Diptera)

PRUNUS SP.:

Alsophila membranaria (Lepidoptera)*Kuvaniania parva* (Homoptera)

PSIDIUM:

Anastrepha mombinpraeoptans (Diptera)*A. suspensa* (Diptera)*Argyresthia eugeniella* (Lepidoptera)*Ceratitis capitata* (Diptera)*Dacus dorsalis* (Diptera)*Pseudococcus lilacinus* (Homoptera)

PUNICA:

Cacoecimorpha pronubana (Lepidoptera)*Ceratitis capitata* (Diptera)*Cryptolabes gnidiella* (Lepidoptera)*Ectomyelois ceratoniae* (Lepidoptera)*Forficula aetolica* (Dermaptera)*Oryzaenus hyalinipennis* (Hemiptera)

PYRUS:

Anastrepha ludens (Diptera)*Carposina niponensis* (Lepidoptera)*Ceratitis capitata* (Diptera)*Ectomyelois ceratoniae* (Lepidoptera)

QUERCUS:

Curculio elephas (Coleoptera)

RAPHANUS:

Phytomyza rufipes (Diptera)

RHIZOPHORA:

Trogoderma granarium (Coleoptera)

RHODODENDRON:

Arge similis (Hymenoptera)*Dialeurodes chittendeni* (Homoptera)*Drosicha howardi* (tentative) (Homoptera)*Gracilaria azaleella* (Lepidoptera)*Lygus rugulipennis* (Hemiptera)*Phenacoccus rotundus* (tentative) (Homoptera)*Taeniothrips picipes* (Thysanoptera)

RIBES:

Lecanium corni (Homoptera)

ROSA:

Acronicta psi (Lepidoptera)*Ardis sulcata* (Hymenoptera)*Arge ochropa* (Hymenoptera)*Calocoris hispanicus* (Hemiptera)*Cladius pectinicornis* (Hymenoptera)*Frankliniella formosae* (Thysanoptera)*F. intonsa* (Thysanoptera)*F. sulphurea* (Thysanoptera)*Helicella maritima* (Mollusca)*H. striata* (Mollusca)*Limax flavus* (Mollusca)*Myzaphis turanica* (Homoptera)*Myzus ascalonicus* (Homoptera)*Papillifera cinera* (Mollusca)*Taeniothrips atratus* (Thysanoptera)*Theba pisana* (Mollusca)*Thrips flavus* (Thysanoptera)*T. major* (Thysanoptera)*Trichia hispida* (Mollusca)

ROSACEAE:

Ceratitis capitata (Diptera)

ROSMARINUS:

Helix aperta (Mollusca)*Theba pisana* (Mollusca)

RUBUS:

Asterobemisia carpini (Homoptera)*Retinella hammonis* (Mollusca)

SACCHARUM:

Chilo toftini (Lepidoptera)*Diatraea magnifacella* (Lepidoptera)*Ogona sacchari* (Lepidoptera)*"Targionia" sacchari* (Homoptera)*Trionymus sacchari* (Homoptera)

SAINTPAULIA:

Zonitoides arboreus (Mollusca)

SAMANEA:

Cryptophlebia ombrodelta (Lepidoptera)*Pheidole megalophala* (Hymenoptera)

SCHINUS:

Coccus viridis (Homoptera)

SELAGINELLA:

Drymaeus hepatostomus (?) (Mollusca)

SESBANIA:

Acanthoscelides griseolus (Coleoptera)*Lampides boeticus* (Lepidoptera)*Maruca testulalis* (Lepidoptera)*Taeniothrips hawaiiensis* (Thysanoptera)

SOBRALIA:

Chrysomphalus umboniferus (Homoptera)

SOIL:

Arianta arbustorum (Mollusca)*Arion circumscriptus* (Mollusca)*A. hortensis* (Mollusca)*Capillifera plebeia* (Mollusca)*Ceciloides acicula* (Mollusca)*Cladius pectinicornis* (Hymenoptera)*Cochlicella barbara* (Mollusca)*C. ventrosa* (Mollusca)*Frankliniella intonsa* (Thysanoptera)*Helicella candidula* (Mollusca)*H. conspurcata* (Mollusca)*H. striata* (Mollusca)*Lamellaris gracilis* (Mollusca)*Leucaspis pusilla* (Homoptera)*Macrodera microptenum* (Hemiptera)*Ovatus crataegarius* (Homoptera)*Papillifera papillaris* (Mollusca)*Pheidole megalophala* (Hymenoptera)*Poecilozonites bermudensis* (?) (Mollusca)*P. circumfirmatus* (Mollusca)*Radiodiscus proameri* (Mollusca)*Rumina decollata* (Mollusca)*Subulina octona* (Mollusca)*Thrips flavus* (Thysanoptera)*Trichia hispida* (Mollusca)*Zonitoides arboreus* (Mollusca)

SOLANUM MELONGENA:

Erptophiomera confusa (Hemiptera)*Leucinodes orbonalis* (Lepidoptera)*Neoleucinodes elegantalis* (Lepidoptera)

SOLANUM QUITOENSE:

Neoleucinodes elegantalis (Lepidoptera)

SOLANUM TUBEROSUM:

Gnorimoschema plaesiosema (Lepidoptera)*Theba pisana* (Mollusca)

SORBUS:

Argyresthia conjugella (Lepidoptera)*Cenopalpus pulcher* (Acarina)*Ceratitis capitata* (Diptera)*Opisthocroptis luteolata* (Lepidoptera)

SORGHUM:

Ostrinia nubilalis (Lepidoptera)*Sesamia cretica* (Lepidoptera)*S. nonagriodes* (Lepidoptera)

SPATHIPHYLLUM:

Pinnaspis buxi (Homoptera)

SPINACIA:

Conotelus mexicanus (Coleoptera)

SPONDIAS:

Anastrepha mombinpraeoptans (Diptera)*Aspidiotus diffinis* (Homoptera)*A. herculeanus* (Homoptera)*Chrysomphalus calurus* (Homoptera)

Hosts and Insects—Continued

STIPA:

- Helicella pyramidata* (Mollusca)
H. stritata (Mollusca)
Limothrips consimilis (Thysanoptera)

STRELITZIA:

- Pheidole megacephala* (Hymenoptera)

STRONGYLODON:

- Maruca testulalis* (Lepidoptera)
Pentalonia nigronervosa (Homoptera)
Pheidole megacephala (Hymenoptera)

SYRINGA:

- Adoxophyes reticulana* (Lepidoptera)
Rhynchaenus populi (Coleoptera)

TAMARINDUS:

- Caryedon gonagra* (Coleoptera)
Ectomyelois ceratoniae (Lepidoptera)

TERMINALIA:

- Anastrepha mombinpraeoptans* (Diptera)
Aspidiotus destructor (Homoptera)
Ceratitis capitata (Diptera)
Dacus dorsalis (Diptera)
Trogoderma granarium (Coleoptera)

THEOBROMA:

- Rhipiphorothrips pulchellus* (Thysanoptera)
Selenothrips rubrocinctus (Thysanoptera)

THUJA:

- Diaspis juniperi* (Homoptera)

THYMUS:

- Helicella maritima* (Mollusca)

TILLANDSIA:

- Ozophora consanguineus* (Hemiptera)

TRICHOPILIA:

- Aspidiotus palmae* (Homoptera)

TRIPHASIA:

- Coccus viridis* (Homoptera)

TRITICUM:

- Eurygaster integriceps* (Hemiptera)
Forficula decipiens (Dermaptera)
Trogoderma granarium (Coleoptera)

TROPAEOLUM:

- Trichia hispida* (Mollusca)

TULIPA:

- Monomorium destructor* (Hymenoptera)
Phila febrilis (Diptera)

VANDA:

- Conotelus mexicanus* (Coleoptera)
Dichromothrips corbetti (Thysanoptera)
Epitranus lacteipennis (Hymenoptera);
Genaparlatoria pseudaspidiotus (Homoptera)
Nysius kingbergi (Hemiptera)
Plusia chalcites (Lepidoptera)
Taeniothrips hawaiiensis (Thysanoptera)

VIGIA:

- Bruchus dentipes* (Coleoptera)
B. signaticornis (Coleoptera)
Helicella pyramidata (Mollusca)

VIGNA:

- Fundella pellucens* (Lepidoptera)

VIOLA:

- Myzus ascalonicus* (Homoptera)

VITIS:

- Ceratitis capitata* (Diptera)
Clysiana ambigua (Lepidoptera)
Cryptoblabes gnidiella (Lepidoptera)
Dichelops furcatus (Hemiptera)
Lobesia botrana (Lepidoptera)
Scotocoris fuscosparsus (Hemiptera)

YUCCA:

- Chrysomphalus agaris* (Homoptera)
Nasutitermes ephratae (Isoptera)
Pseudodiaspis yuccae (Homoptera)

ZANTEDESCHIA:

- Frankliniella panamensis* (Thysanoptera)

ZEA:

- Frankliniella williamsi* (Thysanoptera)
Moodna bistriella (Lepidoptera)
Ostrinia nubilalis (Lepidoptera)
Pagiocerus florti (Coleoptera)
Trogoderma granarium (Coleoptera)
Teadintraea lineolata (Lepidoptera)

ZINGIBER:

- Bradybaena similis* (Mollusca)
"Targionia" hartii (Homoptera)

ZINNIA:

- Conotelus mexicanus* (Coleoptera)

ZIZYPHUS:

- Platynota rostrana* (Lepidoptera)

Hosts Unknown

AIRPLANE:

- Achaea janata* (Lepidoptera)
Adoretus sinicus (Coleoptera)
Ancognatha scarabaeoides (Coleoptera)
Anthela ocellata (?) (Lepidoptera)
Arge pleuritica (Hymenoptera)
Austrotortrix postvitiana (Lepidoptera)
Bibio marci (Diptera)
Blosyrus scopis (Lepidoptera)
Brachybaenus ablutus (Orthoptera)
Characoma albulalis (?) (Lepidoptera)
Chilo zonellus (Lepidoptera)
Chlorotettix tethys (Homoptera)
Conchylodes bryophilalis (Lepidoptera)
Conocephalus longipennis (Orthoptera)
Crocidiophora sinisalis (Lepidoptera)
Deloاليا guttata (Coleoptera)
Dolerus anthracinus (Hymenoptera)
Elaphidion conspersum (Coleoptera)
Euxoa bilitura (Lepidoptera)
Geotomus pygmaeus (Hemiptera)
Hippotion echeclus (Lepidoptera)
Leucania irregularis (Lepidoptera)
Liogenys macropelma (Coleoptera)
Megachile concinna (Hymenoptera)
Melolontha melolontha (Coleoptera)
Mesapamea scalis (?) (Lepidoptera)
Mesocelia orientalis (Hemiptera)
Mumetopia nigrimana (Diptera)
Nanaguna breviscula (Lepidoptera)
Nephotettix apicalis (Homoptera)
Nomophila noctuella (Lepidoptera)
Nysius coenosulus (Hemiptera)
Oechalia schellenbergi (Hemiptera)
Ortholomus jamaicensis (Hemiptera)
Ostrinia nubilalis (Lepidoptera)
Pachytrachius nietneri (Hemiptera)
Pagoda salvalis (Lepidoptera)

- Paragonatus divergens* (Hemiptera)
Paraponyx fluctuosalis (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Prodenia litura (Lepidoptera)
Schoenobius incertulus (Lepidoptera)
Sesamia inferens (Lepidoptera)
Synrius diffundens (Lepidoptera)
Talurus rupeus (Coleoptera)

AQUATIC PLANT:

- Paulinia acuminata* (Orthoptera)
Symphylus ramivittata (Hemiptera)

AUTOMOBILE:

- Dysdercus mimulus* (Hemiptera)
Helicella variabilis (Mollusca)
Helix aspersa (Mollusca)
Ligyrocoris nitidicollis (Hemiptera)
Lygaeus teapensis (Hemiptera)
Onthophagus taurus (Coleoptera)
Ozophora consanguineus (Hemiptera)
Pyrgocorypha sallei (Orthoptera)
Reticulitermes flavipes (Isoptera)
Theba pisana (Mollusca)

BAGGAGE:

- Achatina fulica* (Mollusca)
Adoretus sinicus (Coleoptera)
Clerada apicicornis (Hemiptera)
Forficula senegalensis (Dermaptera)
Geotomus pygmaeus (Hemiptera)
Helicella variabilis (Mollusca)
Helix aspersa (Mollusca)
H. cincta (Mollusca)
Nasutitermes rippertii (Isoptera)
Orthalicus undatus jamaicensis (Mollusca)
Otala vermiculata (Mollusca)
Rhaphigaster nebulosa (Hemiptera)
Sesamia nonagriodes (Lepidoptera)
Theba pisana (Mollusca)
Zachrysia guanensis (Mollusca)

Hosts Unknown—Continued

BAGGING:

Caryedon gonagra (Coleoptera)
Trogoderma granarium (Coleoptera)

BARK:

Pityogenes chalcographus (Coleoptera)

BULB:

Cecilioides acicula (Mollusca)
Odonaspis saccharicaulis (Homoptera)

CARGO:

Archachatina marginata (Mollusca)
Chilo suppressalis (Lepidoptera)
Coryzorhaphis cruciata (Hemiptera)
Deilephila nerii (Lepidoptera)
Dysdercus mimus (?) (Hemiptera)
Helicella variabilis (Mollusca)
Holerodes ausonia (Lepidoptera)
Lycius brunneus (Coleoptera)
Lygaeus cruentatus (Hemiptera)
L. modestus (Hemiptera)
Megasoma elephas (Coleoptera)
Membracis mexicana (Homoptera)
Nasutitermes mexicanus (Isoptera)
Neoclytus acuminatus (Coleoptera)
Otala lactea (Mollusca)
Pachybrachius albocinctus (Hemiptera)
Rhynchophorus palmarum (Coleoptera)
Sirex juvencus (Hymenoptera)
Theba pisana (Mollusca)
Trogoderma granarium (Coleoptera)
Tropidacris latreillei (Orthoptera)

CONIFER:

Blastophagus piniperda (Coleoptera)

DEBRIS:

Nasutitermes ephratae (Isoptera)
Penicbroa fasciata (Coleoptera)
Potost opaca (Coleoptera)
Trogoderma granarium (Coleoptera)

DUNNAGE:

Plagionotus arcuatus (Coleoptera)

FERN:

Pheidole megacephala (Hymenoptera)

FISH MEAL:

Ochterus marginatus (Hemiptera)

FLOWERS:

Adoretus sinicus (Coleoptera)
Corythaica cyathicollis (Hemiptera)
Frankliniella formosae (Thysanoptera)
F. intonsa (Thysanoptera)
F. tenuicornis (Thysanoptera)
Haplothrips aculeatus (Thysanoptera)
H. gowdeyi (Thysanoptera)
Helix aspersa (Mollusca)
Oulema gallaeciana (Coleoptera)
Pentalonia nigronervosa (Homoptera)
Pheidole megacephala (Hymenoptera)
Prodenia litura (Lepidoptera)
Selenothrips rubrocinctus (Thysanoptera)
Spanionoeura fonscolombi (Homoptera)
Teniothrips atratus (Thysanoptera)
T. dianthi (Thysanoptera)
T. hawaiiensis (Thysanoptera)
Theba pisana (Mollusca)
Thrips angusticeps (Thysanoptera)
T. flavus (Thysanoptera)
T. imaginis (Thysanoptera)
T. major (Thysanoptera)
Xiphidiopsis lila (Orthoptera)

FOOD:

Monomorium destructor (Hymenoptera)
Nasutitermes exitiosus (Isoptera)
Pheidole megacephala (Hymenoptera)

FRUIT—UNIDENTIFIED:

Aspidiotus herculeanus (Homoptera)
Peritrechus nubilus (Hemiptera)

GRAIN:

Trogoderma granarium (Coleoptera)

GRASS:

Clerada apicicornis (Hemiptera)

HERB:

Corythaica carinata (Hemiptera)
Helicella caperata (Mollusca)
Lamellaxis gracilis (Mollusca)
Theba pisana (Mollusca)

KARAYA GUM:

Trogoderma granarium (Coleoptera)

LEAF—UNIDENTIFIED:

Arion ater (Mollusca)
Chrysomphalus personatus (Homoptera)
Pheidole megacephala (Hymenoptera)
Selenothrips rubrocinctus (Thysanoptera)
Xiphidiopsis lila (Orthoptera)

LEGUME:

Acanthoscelides spinipes (Coleoptera)
Ectomyelois ceratoniae (Lepidoptera)

LOG:

Megacyllene spinifera (Coleoptera)

MAIL:

Helix leucorum (Mollusca)
H. pomatia (Mollusca)
Monomorium destructor (Hymenoptera)

MILITARY CARGO:

Achatina fulica (Mollusca)
Anacridium aegyptium (Orthoptera)
Bulimulus fraterculus (Mollusca)
Cepaea nemoralis (Mollusca)
Clausilia lineolata (?) (Mollusca)
Cochlicella barbara (Mollusca)
C. conoidea (Mollusca)
C. ventrosa (Mollusca)
Helicella cespitum (Mollusca)
H. conspurcata (Mollusca)
H. derbentina (Mollusca)
H. maritima (Mollusca)
H. neglecta (Mollusca)
H. protea (Mollusca)
H. pyramidata (Mollusca)
H. striata (Mollusca)
H. variabilis (Mollusca)
H. virgata (Mollusca)
Helix aperta (Mollusca)
H. aspersa (Mollusca)
Hygromia cinctella (Mollusca)
Kaloterms snyderi (Isoptera)
Lygaeus superbus (Hemiptera)
Monacha olivieri (Mollusca)
Otala lactea (Mollusca)
O. vermiculata (Mollusca)
Phalacropterix apiformis (Lepidoptera)
Pteris brassicae (Lepidoptera)
Subulina octona (Mollusca)
Theba pisana (Mollusca)
T. planata (Mollusca)
Trichia hispida (Mollusca)

MOLLUSK:

Theba pisana (Mollusca)

NURSERY STOCK:

Frankliniella intonsa (Thysanoptera)
Limothrips denticornis (Thysanoptera)
Orthops kalmi (Hemiptera)
Teniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)
T. major (Thysanoptera)

MOSS:

Plinthius putoni (Hemiptera)

PACKING:

Haplothrips aculeatus (Thysanoptera)

PAPER:

Cryptotermes brevis (Isoptera)

PLANT—UNIDENTIFIED:

Bradybaena similis (Mollusca)
Cryphula apicata (Hemiptera)
Dendrocoris variegatus (Hemiptera)
Monacha cantiana (Mollusca)
Monophadnoides alternipes (Hymenoptera)
Pentalonia nigronervosa (Homoptera)
Pheidole megacephala (Hymenoptera)
Retinella hammonis (Mollusca)
Stereotydeus mexicanus (Acarina)
Trichia hispida (Mollusca)

PLANT MATERIAL:

Cacocimorpha pronubana (Lepidoptera)
Haplothrips aculeatus (Thysanoptera)
Limothrips denticornis (Thysanoptera)
Theba pisana (Mollusca)

QUARTERS:

Amphimallon majalis (Coleoptera)
Dyscinetus frater (Coleoptera)
D. laevipunctatus (Coleoptera)
Megalotomus rufipes (Hemiptera)
Otala lactea (Mollusca)

Hosts Unknown—Continued

QUARTERS—Continued

Otosema odorata (Lepidoptera)
Tropidacris cristata (Orthoptera)

RAILWAY CAR:

Dysdercus mimulus (Hemiptera)
D. obliquus (?) (Hemiptera)
Reticulitermes flavipes (Isoptera)

ROOTS—UNIDENTIFIED:

Chondrula pupa (?) (Mollusca)

STORES:

Acanthoscelides armilagai (?) (Coleoptera)
Acrolepia assectella (Lepidoptera)
Caryedon gonagra (Coleoptera)
Gnortimoschema ocellatella (Lepidoptera)
Helix aspersa (Mollusca)
H. pomatia (Mollusca)
Theba pisana (Mollusca)
Trogoderma granarium (Coleoptera)

STRAW:

Harmolita ips (Hymenoptera)
Pyrrhocoris apterus (Hemiptera)

SUCCULENT:

Cardiophorus histrio (Coleoptera)
Contigaspis indogoferae (Homoptera)

TWIG—UNIDENTIFIED:

Lecanium rufulum (Homoptera)

WOOD:

Callidium rufipenne (Coleoptera)
Heterobostrychus aequalis (Coleoptera)
Lyctus africanus (Coleoptera)
Minthea rugicollis (Coleoptera)
Nothorhina muricata (Coleoptera)
Sinoxylon anale (Coleoptera)
S. conigerum (Coleoptera)
Xylopsocus capucinus (Coleoptera)

Countries of Origin and Insects

AFGHANISTAN:

Megastigmus pistaciae

AFRICA (country(?)):

*Deilephila nerii**Forficula senegalensis*

ALGERIA:

*Helix aspersa**H. pomatia**Parlatoria zizyphus*

AMERICAN SAMOA:

*Frankliniella formosae**Pentatomia nigronervosa**Pheidole megacephala**Unaspis citri*

AMERICAN VIRGIN ISLANDS:

*Aspidiotus destructor**Lepidosaphes tokionis**Parlatoria crotonis**Vinsonia stellifera*

ANGOLA:

Maruca testulalis

ANTIGUA:

*Corythaica cyathicollis**Cylas formicarius elegantulus**Ortholomus jamaicensis**Pectinophora gossypiella**Pheidole megacephala**Vinsonia stellifera*

ARGENTINA:

*Brevipalpus obovatus**Ceratitis capitata**Chrysomphalus paulistus* (tentative)*C. personatus**Ctenoglyphus plumiger**Dichelops furcatus**Laspeyresia araucaria**Megacyllene spinifera**Parlatoria cinerea**Pseudaonidia trilobitiformis**Unaspis citri*

ARUBA:

*Lamellaris gracilis**Zonitoides arboreus*

AUSTRALIA:

*Anthela ocellata**Frankliniella schultzei**Haplothrips gowdeyi**Lecanium persicae* (tentative)*Nasutitermes exitiosus**Taeniothrips hawaiiensis**Thrips imaginis**Tranes internatus**Trichia hispida**Unaspis yanonensis*

AUSTRIA:

*Helix pomatia**Trichia striolata*

AZORES:

*Bruchus tristis**Cecilioides acicula**Ceratitis capitata**Cochlicella ventrosa**Ectomyelois ceratoniae**Helicella striata**Helix aspersa**Limax marginatus**Milax gagates**Opogona sacchari**Orthophagus taurus**Orychilus alliarius**Pieris brassicae**Plinthinus brevipennis**Sesamia monagrioides**"Targionia" bromiliae**Theba pisana*

BAHAMAS:

*Aspidiotus destructor**Ectomyelois ceratoniae**Hemitrochus androsi**Monomorium destructor**Nasutitermes rippertii**Ogdocoeca guttifera**Polygyra bahamensis**Protopulvinaria pyriformis**Schastichella bahamensis**Vinsonia stellifera**Zeadiatraea lineolata*

BARBADOS:

*Anastrepha mombinpraeoptans**Corythaica carinata**Pectinophora gossypiella**Trionymus sacchari*

BELGIUM:

*Gracilaria azaleella**Pieris brassicae**Trichia hispida**Trogoderma granarium*

BERMUDA:

*Bradybaena similaris**Cochlicella ventrosa**Otala vermiculata**Pectinophora gossypiella**Pheidole megacephala**Pocillozonites bermudensis* (?)*P. circumfirmatus**Pumina decollata*

BOLIVIA:

*Oryzarenus hyalinipennis**Pseudoparlatoria ostreata*

BRAZIL:

*Aspidiotus mendax**Asterolecanium epidendri**Ceratitis capitata**Cerconota anonella**Chrysomphalus personatus**Coccus alpinus**Coptotermes testaceus**Eurytoma orchidearum**Euscepes postfasciatus**Heterotermes conezinotatus**Laspeyresia araucaria**Leucoptera coffeella**Maruca testulalis**Nasutitermes corniger**Neoleucinodes elegantalis**Parlatoria cinerea**Pheidole megacephala**Pseudaonidia trilobitiformis**Pseudoparlatoria turgida**Rhyacionia buoliana**Stephanoderes hampei*

BRITISH GUIANA:

*Parlatoria zizyphus**Vinsonia stellifera*

BRITISH HONDURAS:

*Aleurothrix myrtae**Anastrepha mombinpraeoptans**Asterolecanium simile**Cecilicides acicula**Cryphula apicata**Heterotermes conezinotatus**Largus affinis* (?)*Mormidea pictiventris**Nasutitermes nigriceps**Nesoechia nigrispina**Opeas pyrgula**Pheidole megacephala**Pseudischnaspis alienus**Stenomoma catenifer**Subulina octona**Tenthecoris confusus**Vinsonia stellifera*

CANADA:

*Agonopterix costosa**Lecanium corni**Taeniothrips ericae**Zonitoides arboreus*

CANAL ZONE:

*Ancylostomia stercorea**Chrysomphalus umboniferus**Cryphula apicata**Eriopochioma tumens**Lepidosaphes tokionis**Nasutitermes corniger**N. ephratae**Orthalicus undatus**Pinnaspis buxi**Pseudischnaspis alienus**Unaspis citri**Vagrinulus occidentalis**Vilga distimilis*

Countries of Origin and Insects—Continued

CANAL ZONE—Continued

V. divarigata
Vinsonia stellifera

CAPE VERDE ISLANDS:

Opegonia sacchari

CAYMAN ISLANDS:

Aspidiotus destructor
Helicinia substriata
Hemitrochus streator
Pachybrachius intermedius
Pectinophora gossypiella

CEYLON:

Heterobostrychus aequalis
Mintkea rugicollis
Sinorylon conigerum
Trogoderma granarium

CHILE:

Lazostege amitina
Pseudococcus gahani

CHINA:

Parlatoria zizyphus
Planococcus dorsopiscus
Trogoderma granarium

COLOMBIA:

Acanthoscelides armitagei
Acnognatha scarabaeoides
Eurytoma orchidearum
Frankliniella panamensis
Gymnandrosoma aurantianum
Iridomyrmex pilifer
Limax marginatus
Lycius brunneus
Minthea rugicollis
Neoleucinodes elegantalis
Stenoma catenifer
Subulina octona
Vaginulus occidentalis

COSTA RICA:

Acentroptera nevermanni
Anastrepha mombinpraeoptans
Aspidiotus destructor
A. ercisus
A. palmae
Asterolecanium epidendri
Chrysomphalus nigropunctatus (tentative)
C. personatus
C. umboniferus
Conchylodes bryophilalis
Drymaeus alternans
Limax marginatus
Membracis mexicana
Pachybrachius albocinctus
Protopulvinaria longivalvata
Pseudischaspis alienus
Pseudoparlatoria ostreata
Stenoma catenifer
Unaspis citri
Valtissius diversus
Zonitoides arboreus

CUBA:

Aonidiella comperei
Asterolecanium epidendri
A. miliaris miliaris
Chondropoma picta (?)
Cryptcephalus marginicollis
Cylas formicarius elegantulus
Helicella caperata
Jennereitia multistriata
Kaloterms snyderi
Lamellazis gracilis
Lepidosaphes crotonis
Odonaspis saccharicaulis
Pectinophora gossypiella
Pheidole megacephala
Protopulvinaria pyriformis
"Targionia" hartii
Theba pisana
Trionymus sacchari
Zachrygia guianensis

CURACAO:

Anastrepha mombinpraeoptans

CYPRUS:

Ceratitis capitata

Dacus oleae

CZECHOSLOVAKIA:

Baris lepidii

Grapholita funebrana
Laspeyresia splendana
Limothrips denticornis
Rhagoletis cerasi

DENMARK:

Acrolepia assectella
Cladius pectinicornis
Haplothrips aculeatus
Megastigmus strobilobius
Phytomyza rustipes
Thrips major

DOMINICA:

Eucalyptatus tessellatus
Vinsonia stellifera

DOMINICAN REPUBLIC:

Anastrepha mombinpraeoptans
Ancylostomia stercorea
Clerada apicicornis
Cylas formicarius elegantulus
Deloyala guttata
Elaphidion conspersum
Maruca testulalis
Megachile concinna
Mimosestes sallaei
Nasutitermes ephratae
Ozophora quinque-maculata
Pectinophora gossypiella
Pentalonia nigronervosa
Selenothrips rubrocinctus
Talponia batesi

EAST AFRICA:

Opogona sacchari

ECUADOR:

Acanthoscelides armitagei
Aleurocanthus woglumi
Ancylostomia stercorea
Asterolecanium epidendri
Bathydema socia
Dysdercus mimus (?)
Epilachna borealis var.
Hoterodes ausonia
Lygaeus cruentatus
L. modestus
Metamasius hemipterus sericeus
Monomorium destructor
Nasutitermes dendrophilus
Pagiocerus fiorii
Platoceticus symmicta
Porphyrobaphis tostoma
Rhynchophorus palmarum
Stenoma catenifer
Tropidacris cristata
T. latreillei

EL SALVADOR:

Anastrepha mombinpraeoptans
A. serpentina
Ancylostomia stercorea
Aspidiotus herculeanus
Aulacaspis tubercularis
Chrysomphalus umboniferus
Pseudischaspis alienus
P. longissima
Protopulvinaria pyriformis
Stenoma catenifer
Unaspis citri
Vaginulus occidentalis (?)
Zonitoides arboreus

ENGLAND:

Adelphocoris lineolatus
Argyresthia conjugella
Arion hortensis
Bruchus erui
Cladius pectinicornis
Dialeurodes chittendeni
Eriophyes canestrinii
Frankliniella intonsa
Helicella caperata
Iridothrips iridis
Laspeyresia nigricana
Leucoptera scitella
Lobesia botrana
Lygus rugulipennis
Macrodera microptenum
Milax gagates
Myzus ascalonicus
Orthotylus ericetorum

Countries of Origin and Insects—Continued

ENGLAND—Continued

Phytomyza rufipes
Rhinocola ericae
Spanioneura fonscolombei
Stenotarsonemus laticeps
Taeniothrips atratus
T. dianthi
T. picipes
Thrips angusticeps
T. flavus
T. major
Trichia hispida
T. striolata
Trogoderma granarium
Udea ferrugalis

ENIWETOK:

Furcaspis oceanica

ETHIOPIA:

Ceratitis capitata (?)
C. colae
Cryptophlebia leucotreta
Goniogaster varicolor

FEDERATION OF MALAYA:

Monomorium destructor

FIJI:

Coccus viridis
Morganella longispina
Pheidole megacephala
Pulvinaria psidii
Trionymus sacchari

FINLAND:

Taeniothrips atratus

FORMOSA:

Antonina graminis
Aulacaspis tubercularis
Frankliniella formosae
Genaparlatoria pseudaspidotus
Haplothrips gowdeyi
Parlatoria zizyphus
Prodenia litura
Tetraleurodes graminis
Trogoderma granarium

FRANCE:

Acrolepia assectella
Aleyrodes loniceræ
Arion ater
A. hortensis
Asterobemisia carpinii
Autographa gamma
Bibio marci
Bruchidius lividimanus
Cacocimorpha pronubana
Calocoris hispanicus
Cepaea nemoralis
Clausilia lineolata (?)
Cochlicella barbara
Cryptoblabes gnidiella
Curculio nucum
Diaspis minima
Dolerus anthracinus
Evergestis forficatis
Forficula decipiens
Frankliniella intonsa
Gonocerus insidiator
Harmolita ips
Helicella maritima
H. striata
H. variabilis
Helix aspersa
Hygromia cinctella
Laspeyresia splendana
Mamestra brassicae
Melolontha melolontha
"Microporus" nigrinus
Myzus ascalonicus
Otala lactea
Ovatus crataegarius
Palpita unionalis
Parlataria zizyphus
Peritrechus sylvestris
Philaenus leucophthalmus
Pseudococcus gahani
Psylla melanoneura (?)
Retinella hammonis
Rhagoletis cerasi

Rhyparochromus immaculatus
Sesamia cretica
Stygocoris fuliginosus
Theba pisana
Thrips flavus
Trichia hispida
Trogoderma granarium
Udea ferrugalis
Vittrina diaphana
Zonitoides arboreus

FRANCE(?):

Arge pleuritica

FRENCH POLYNESIA:

Parlatoria crotonis

GERMANY:

Ardis sulcata
Arianta arbustorum
Arion circumscriptus
A. hortensis
Aspidiotus palmae
Ceciloides acicula
Cladius pectinicornis
Dialeurodes chittendeni
Evergestis forficatis
Frankliniella intonsa
Helix aperta
Lecanium corni
Lygus rugulipennis
Mamestra brassicae
Monacha cantiana
Myzus ascalonicus
Pieris brassicae
Pityogenes chalcographus
Retinella hammonis
Rhagoletis cerasi
Rhinocola ericae
Taeniothrips atratus
Thrips flavus
Trichia hispida
Zonitoides arboreus

GREECE:

Acanthoscelides spinipes
Bruchus ervi
Ceratitis capitata
Cryptoblabes gnidiella
Curculio elephas
Ectomyelois ceratoniae
Forficula adolice
Helicella maritima
H. pyramidata
H. striata
Helix aspersa
H. cincta
Laspeyresia splendana
Limax flavus
Otala vermiculata
Pyrrhocoris apterus
Schneidereria pistaciella
Sesamia cretica
Trogoderma granarium

GRENADA:

Maruca testulalis

GUADELOUPE:

Haplothrips gowdeyi
Selenothrips rubrocinctus

GUAM:

Agonozena pyrogramma
Anaballus amplicollis
Dacus dorsalis
Parlataria zizyphus
Pentalonia nigronervosa
Pseudococcus palmarum

GUATEMALA:

Anastrepha ludens
A. mombrinae
Aspidiotus palmae
Chrysomphalus caturus
C. umboniferus
Cleistophorus similis
Cryphula apicata
Drymaeus alternans
Ezpechiomera albomaculata
Heterotermes conezinotatus
Iridomyrmex iniquus
Neocyrtotus dysoni cooki

Countries of Origin and Insects—Continued

GUATEMALA—Continued

Neolobophora inopinata
Orthalicus decolor
Platoeceticus symmicta
Pseudoparlatoria ostreata
Puto ulter
Selenothrips rubrocinctus
Tenthecoris vestitus
Zeadiatraea lineolata
Zonioides arboreus

HAITI:

Anastrepha mombinpraeoplans
Ancylostoma stercorea
Corythaica carinata
Haplothrips gowdeyi
Helix aspersa
Mimosestes sallaei
Pectinophora gossypiella
Platynota rostrana
Vaginulus occidentalis (?)

HAITI(?):

Cylas formicarius elegantulus

HAWAII:

Achaea janata
Achatina fulica
Adoretus sinicus
Apomecyna saltator
Araecerus levipennis
Asterolecanium pseudomiliaris
Bradybaena similaris
Ceratitidis capitata
Ceroplastes rubens
Clerada apicicornis
Coccus viridis
Conoderus exsul
Conotelus mexicanus
Cryptophlebia ombrodella
Cryptotermes brevis
Dacus dorsalis
Dendrothripoides ipomeae
Dialeurodes kirkaldyi
Dichromothrips corbeti
Diocalandra taiensis
Ectomyelois ceratoniae
Epitraneus laticarpus
Eurytoma orchidearum
Eusecepes postfasciatus
Genaparlatoria pseudaspidotus
Geotomus pygmaeus
Lampides boeticus
Lepidosaphes tokionis
Marruca testulalis
Megacerus alternatus
Monomorium destructor
Nysius coenosulus
N. kingbergi
Parlatoria crotonis
P. zizyphus
Pealius hibisci
Pectinophora gossypiella
Pentalonia nigronervosa
Pheidole megacephala
Pinnaspis buzi
P. uniloba
Plusia chalcites
Pseudococcus palmarum
Pulvinaria psidii
Selenothrips rubrocinctus
Siphanta acuta
Spodoptera mauritia acronyctoides
Sternonchetus mangiferae
Taeniothrips hawaiiensis
T. vitticornis
Xiphidiopsis lita
Xystrocera globosa

HONDURAS:

Aeolus pictus
Anastrepha mombinpraeoplans
Antileuchus panamensis
Bulimulus unicolor
Cerconota anonella
Chrysomphalus umboniferus
Coryzorhaphis cruciata
Cryphula apicata
Drymaeus alternans

Galgupha quadrisignata
Malacorhinus foveipennis
Nasutitermes corniger
N. ephratae
Orthalicus obductus
Paroecanthus annulatus
Pentalonia nigronervosa
Pheidole megacephala
Stenoma catenifer
Subulina octona
Veronicella moreleti
Vilga dissimilis
Vinsonia stellifera
Zygospila bigenera

HONG KONG:

Frankliniella formosae
Lepidosaphes tuberculata
Monomorium destructor
Parlatoria zizyphus
Taeniothrips gracilis
"Targionia" hartii
Trogoderma granarium
Unaspis yanonensis

HUNGARY:

Grapholitha janthiana

ICELAND:

Frankliniella intonsa
Haplothrips aculeatus
Taeniothrips atratus

INDIA:

Callosobruchus analis
Caryedon gonagra
Lyctus africanus
Mimthea rugicollis
Monomorium destructor
Pectinophora gossypiella
Sinorhizon anale
S. conigerum
Trionymus sacchari
Trogoderma granarium

INDONESIA:

Heterobostrychus aequalis
Morganella longipinna
Pulvinaria psidii
Trogoderma granarium
Xylopsocus capucinus

IRAN:

Cecilioides acicula
Parlatoria zizyphus
Trogoderma granarium

IRELAND:

Arion hortensis
Mesapamea secalis (?)
Phinocola ericae
Stenotarsonemus laticipes
Taeniothrips atratus
T. ericae
Thrips flavus
Trichia hispida
T. striolata

ISRAEL:

Ceratitidis capitata
Cryptoblabes gnidiella
Eurygaster integriceps
Frankliniella intonsa
Macrocytus brunneus
Myzaphis turanica
Oxycaenus hyalinipennis
Prodenia litura
Taeniothrips discolor (tentative)
Theba pisana

ITALY:

Acrolepia arsectella
Anacridium aegyptium
Anuraphis apiifolia
A. cardui
Arion ater
Brachycerus albidentatus
Bruchus dentipes
B. ervi
B. lentis
B. signaticornis
B. tristis
Cacoeccimorpha pronubana
Capillifera plebeia

Countries of Origin and Insects—Continued

ITALY—Continued

Ceciloides aculea
Cenopalpus pulcher
Ceratitidis capitata
Ceutorhynchus pleurostigma
Chondrula pupa(?)
Clysiana ambigua
Cochlicella barbara
C. ventrosa
Cryptoblabes gnidiella
Curculio elephas
C. nucum
Dacus oleae
Diaspis minima
Ectomyelois ceratoniae
E. phoenicis(?)
Ephestia calidella
Euphyllura olivina
Evergestis forficatus
Gnorimoschema ocellatella
Gortyna flavago
Helicella candidula
H. conspurcata
H. itala
H. maritima
H. pyramidata
H. striata
H. trochoides
H. variabilis
Helix aperta
H. aspersa
H. leucorum
Heterogenea asella
Hygromia cinctella
Laspeyresia nigricana
L. splendana
Lepidosaphes ficus
Leucoptera scitella
Limax marginatus
Limothrips consimilis
Lobesia botrana
Mamestra brassicae
Monacha carthusiana
Ostrinia nubilalis
Otala lactea
O. vermiculata
Oulema melanopa
Papillifera cinera
P. papillaris
Parlatoria zizyphus
Phalacropterix apiformis
Pieris brassicae
Plinthisus putoni
Prays oleellus
Psylla pyri
Rhagoletis cerasi
Rhaphigaster nebulosa
Roucasia ovata
Sesamia cretica
Sinoxylon sexdentatum
Sterrhia inquinata
Systole albipennis
Theba pisana
Thrips major
Trichia striolata
Trogoderma granarium
Udea ferrugalis

JAMAICA:

Acanthoscelides armigaei
Aganactes indecora
Anastrepha mombinpraeoptans
A. suspensa
Ancylostoma stercora
Aspidiotus destructor
Asterolecanium epidendri
Coryda nemoraloides
Diaphania indica
Ectomyelois ceratoniae
Fundella pellucens
Helicina neritella
Nasutitermes nigriceps
Orthalicus undatus
O. undatus jamaicensis
Pectinophora gossypiella
Protopulvinaria longicaudata

Pseudophasma cyllarus
Subulina octona
Vinsonia stellifera
JAPAN:
Aleurotrachelus camelliae
Alsophila membranaria
Aonidiella citrina
Arga similis
Aspidiotus destructor
A. palmae
Aulacaspis ericacearum (tentative)
Callidium rufipenne
Carposina niponensis
Chilo suppressalis
Chrysomphalus nulliporus
Dichocrocis punctiferalis
Drosicha howardi (tentative)
Frankliniella formosae
Glycyphagus michaeli
Haplothrips gowdeyi
Kuwanina parva
Lampides boeticus
Lepidosaphes celtis
L. conchiformoides
Limax marginatus
Lyctus africanus
Mamestra brassicae
Maruca testulalis
Matsumuraeas phaseoli
Monomorium destructor
Morganella longispina
Nipponaclerda bivakensis
Oligonychus perditus
Ostrinia nubilalis
Parlatoria cinerea
P. citri
P. zizyphus
Pentalonia nigronervosa
Pentamerismus oregonensis
Petrova cristata
Pheidole megacephala
Phenacoccus rotundus (tentative)
Prodenia litura
Pseudococcus citriculus
Schoenobius incertulus
Scleroconia acutellus
Sesamia inferens
Sirix juvenis
Stephanitis nashi
Rhophobota naevana
Taeniothrips gracilis
T. hawaiiensis
Tetraleurodes aucubae
Tetranychus cinnabarinus
Thrips flavus
Unaspis yanomensis
Zonitoides arboreus
JAPAN (?)
Crocidophora sinisalis
Oechalia schellenbergi
Paraponyx fluctuosalis
JOHNSTON ISLAND:
Leucania irregularis
JORDAN:
Leucaspis pusilla
KENYA:
Ceciloides aperta(?)
KOREA:
Trogoderma granarium
KUWAIT:
Trogoderma granarium
KWAJALEIN:
Furcaspis oceanica
Lepidosaphes esakii
LEBANON:
Ceratitidis capitata
Dacus oleae
Lobesia botrana
Phloeotribus scarabaeoides
Prays oleellus
Schneidereria pistaciella
LIBERIA:
Akermes andersoni
Stephanoderes hampei

Countries of Origin and Insects—Continued

LIBYA:

Cochlicella barbara
Otala vermiculata
Subulina octona
Theba pisana

LITHUANIA:

Curculio nucum

MARSHALL ISLANDS:

Furcaspis oceanica

MAURITIUS:

Vinsonia stellifera

MEXICO:

Acanthoscelides griseolus
Aleurocanthus woglumi
Alpheias conspurata
Altos obscurus
Amitermes wheeleri
Amnestus uhleri
Anastrepha ludens
A. mombinpraeoptans
Ancylostoma stercorea
Antilloecoris punctatus
Apion griseum
Arphnus melanotylus
Aspidiotus destructor
A. diffinis
A. palmarum
Asterolecanium bambusae
Atheas nigricornis
Batrachedra linaria
Brachybaenus ablatus
Bulimulus hepatostomus
Capaneus tetricus
Caulotops distanti
Ceratomyces atrofasciatus
Chilo loftini
Chrysomphalus agavis
C. personatus
C. sphaeroides
C. tenax
C. tingi
C. umboniferus
Conotelus mexicanus
Conotrachelus aguacatae
C. perseae
Corythucha mcelfreshi
Cosmopolites sordidus
Cryphula apicata
Dendrocoris variegatus
Diatraea morphnactella
Drymaeus cuernavacensis
D. hegewischi
D. hepatostomus(?)
D. heymannii
D. rudis
Dyscinetus frater
D. laevispunctatus
Dysdercus mimulus
D. obliquus(?)
Epinotia aporema
Eucalymnatus tessellatus
Euclithea socialis
Eurytoma orchidearum
Eustrophinus marginatus
Ethelema sobrina
Erebes comyntas
Exptochiamera albomaculata
E. confusa
E. formosa
Epinotia aporema
Fiorinia theae
Frankliniella williamsi
Galgupha punctifer
G. quadrisignata
Gnorimoschema gudmannella
Grapholitha packardii
Gymnococcus agavium
Haplothrips clarisetis(?)
H. gowdeyi
Helicina durangoana(?)
H. oweniana(?)
H. zephyrina
Helix aspersa
Heterotermes convexinotatus
H. maculatus

Jadera sanguinolenta
Lamellexis micra
Lepidosaphes carinata
L. philococcus
Leucoptera coffeella
Ligyrocoris aurivilliana
L. nitidicollis
Limaz marginatus
Loxostege bifidialis
L. similis
Lygaeus leopendensis
Lygus lineolaris
Melanathus planifrons
Membracis mexicana
Micrarionta stearnsiana
Monanthia monotropidia
Moodna bisinuella
Mormidea pictiventris
Myodocha longicollis
Nasutitermes mexicanus
Neoadoxophorus saueri
Neoclytus acuminatus
Neoleucinodes elegantalis
Nysius tenellus
Opatulena duodecimstriata
Oplomus nigripennis pulcher
Opuntiaspis phloeococcus
Orthalicus boucardi
Orthozia pseudosignis
Ozophora consanguineus
Pachybrachius albocinctus
Paragonatus divergens
Parlatoria cinerea
Parisoschoenus flavolimbatu
Pectinophora gossypiella
Plagioderma punctigerum
Platynota rostrana
Platypus rugulosus
Plectia plagiata
Polygyra matermontana
P. richardsoni
Praticolella ampla
Pseudischinaspis alienus
P. bowreyi
Pseudococcus ferrisi
Pseudodiaspis yuccae
Puteinaria psidii
Puto mexicana
Pyrocorypha sullei
Radialis proameri
Reticulitermes flavipes
Rumina decollata
Sisamnes contractus
Stenomoma calenifer
Stereotydeus mexicanus
Subulina octona
Talponia batesi
"Targionia" bromilae
Targionia yuccarum
Tenthetorix angustimarginatus
T. confusus
T. distinctus
Termitophylla fulvioides
Tetranychus cinnabarinus
Trialeurodes similis
T. variabilis
T. vitrinellus
Trioxa anceps
Trogoderma granarium
Valtissinus diversus
Veronicella moreleti
Yosemitia didactyla
Zonitoides arboreus

MOROCCO:

Bulimulus fraterculus
Cochlicella barbara
C. ventrosa
Metopoplax ditomoides
Otala lactea
Theba pisana

NETHERLANDS:

Acrolepia assectella
Adoxophyes reticulana
Arianta arbustorum

Countries of Origin and Insects—Continued

NETHERLANDS—Continued

Arion ater
Bruchus lentis
Caryedon gonagra
Cecilioides acicula
Cladius pectinicornis
Dialeurodes chittendeni
Diaspis juniperi
Eriophyes canestrinii
Frankliniella intonsa
Gracilaria azalella
Limothrips denticornis
Mamestra brassicae
Milax gagates
Monophadnoides alternipes
Myzus ascalonicus
Orthops kalmi
Philia febrilis
Rhynchaenus populi
Taeniothrips atratus
T. ericae
Thrips flavus
T. major
Trichia hispida
Trogoderma granarium

NETHERLANDS (?):

Ectomyelois ceratoniae

NEW GUINEA:

Coccus viridis

NEW ZEALAND:

Austrotortrix postrittana
Steneotarsonemus laticeps

NICARAGUA:

Acanthoscelides griseolus
Anastrepha mombinpraeoptans
Aspidiotus destructor
A. herculeanus
Asterolecanium epidendri
Chlorotettix tethys
Chrysomphalus calurus
Dialeurodes citrifolii
Mumetopia nigrimana
Stenoma catenifer
Talurus rugosus
Vinsonia stellifera

NIGERIA:

"*Lecanium*" *catori* (tentative)

NORTHERN IRELAND:

Steneotarsonemus laticeps

NORWAY:

Acrolepia assectella
Argyresthia conjugella
Taeniothrips picipes

OKINAWA:

Achatina fulica
Aonidiella inornata
Frankliniella formosae
Haplothrips gowdeyi
Parlatoria zizyphus
Taeniothrips hawaiiensis

PAKISTAN:

Aulacaspis tubercularis
Lycius africanus
Pectinophora gossypiella
Trogoderma granarium

PANAMA:

Acanthoscelides armitagei
A. griseolus
Ancylostoma stercora
Anastrepha mombinpraeoptans
Aspidiotus destructor
Asterolecanium epidendri
Conchaspis orchidarum
Lepidosaphes tokionis
Liogenys macropelma
Nasutitermes ephratae
Paragonatus diversus
Parlatoria crotonis
Pinnaspis buxi
Pseudischaspis alienus
Stenoma catenifer
Teleonemia scrupulosa
Unaspis citri
Vilga dissimilis

Vinsonia stellifera

PARAGUAY:

Cerconota anonella

PERU:

Acanthoscelides armitagei
A. griseolus
Aleurodicus iridescens
Asterolecanium epidendri
Chrysomphalus odontoglossi
C. umboniferus
Euscepes postfasciatus
Gnorimoschema borsaniella
G. plaesiosema
Helix aspersa
Lamellazis gracilis
Limax marginatus
Mecolaemus carvalhoi
Pachybrachius albocinctus
Pseudischaspis bouveyi
Paulinia acuminata
Symphylus ramivittata
Tenthecoris exitiosus
Terastria meticulousalis
Zonitoides arboreus

PERU (?):

Ceratitidis capitata
Megasoma elephas

PHILIPPINES:

Aleurocanthus citriperdus
Aonidiella inornata
Aspidiotus palmarum
Chilo suppressalis
Conocephalus longipennis
Dacus dorsalis
Dialeurodes kirkaldyi
Frankliniella formosae
Lepidosaphes tubulorum
Maruca testulalis
Monomorium destructor
Parlatoria cinerea
P. citri
P. zizyphus
Pentalonia nigronerrosa
Pseudaonidia trilobitiformis
Pseudococcus lilacinus
Rhipiphorothrips pulchellus
Selenothrips rubrocinctus
Taeniothrips hawaiiensis
Unaspis yanonensis

PHILIPPINES(?):

Mesorelia orientalis
Nanaguna breviscula
Nephotettix apicalis
Paraponyx fluctuosalis

POLAND:

Acronicta psi
Aphis callunae
Arge ochropa
Blastodacna atra
Grapholitha funebrana
Haplothrips aculeatus
Limothrips denticornis
Oulema gallaeciana
Tetranychus viennensis
Thrips major

PORTUGAL:

Blastophagus piniperda
Ceratitidis capitata
Curculio elephas
Haplothrips cottei
Helix aspersa
Laspeyresia splendana
Nothorhina muricata
Taeniothrips atratus
"Targionia" bromiliae
Udea ferrugalis

PUERTO RICO:

Anastrepha mombinpraeoptans
A. suspensa
Argyresthia eugeniella
Cylas formicarius var.
Euscepes postfasciatus
Fundella pellucens
Jadera rufosusca
Lamellazis gracilis

Countries of Origin and Insects—Continued

PUERTO RICO—Continued

Maruca testulalis
Pectinophora gossypiella
Pheidole megacephala
Platynota rostrana
Sphenarches caffer
Subulina octona
 "Targionia" sacchari
Toxotrypana curvicauda
Unaspis citri

PUERTO RICO(?):

Megalotomus rufipes

REPUBLIC OF SOUTH AFRICA:

Aonidiella citrina
Asterolecanium euphorbiae
Blissus diplopterus
Cardiophorus histrio
Contigaspis indogoferae
Cryptophlebia leucotreta
Diaphone eumela
Ectomyeloides ceratoniae
Epichorista ionephela
Haplothrips gowdeyi
Homothrips distinctus
Ochterus marginatus
Orycaerus hyalinipennis
Sciocoris fuscosparsus
Selenaspis silvaticus
Stephanoderes hampei

REPUBLIC OF THE CONGO:

Parlatoria zizyphus
Sculptaria reticulata

ST. KITTS:

Ancylostomia stercorea
Fundella pellucens

ST. MARTIN:

Ancylostomia stercorea

SCOTLAND:

Argyresthia conjugella
Opisthograpta luteolata
Rhinocola ericae
Taeniothrips atratus
T. ericae
Thrips flavus

SENEGAL:

Trogoderma granarium

SIERRA LEONE:

Cylas puncticollis
Trogoderma granarium

SINGAPORE:

Genaparlatoria pseudaspidiotus
Trogoderma granarium

SOUTH AMERICA (country(?)):

Liogenys macropelma

SOUTHWEST PACIFIC:

Hippotion echeclus

SPAIN:

Acrolepia assectella
Anacridium aegyptium
Aonidiella citrina
Archachatina marginata
Bruchus ervi
Ceratitis capitata
Chilo suppressalis
Cochlicella barbara
C. conoidea
C. ventrosa
Cryptoblabes gnidiella
Curculio elephas
Dacus oleae
Dyspessa ulula
Ectomyeloides ceratoniae
Helicella cespitum
H. conspurcata
H. maritima
H. neglecta
H. striata
H. variabilis
H. virgata
Helix aspersa
Hispa atra
Laspeyresia splendana
Lecanium rufulum
Lygaeus superbus
Otala vermiculata

Rhagoletis cerasi

Taeniothrips atratus

Theba pisana

T. planata

Trichia hispida

SUDAN:

Lyctus africanus

Trogoderma granarium

SURINAM:

Fundella pellucens

Maruca testulalis

SWEDEN:

Eriophyes leionotus

Pityogenes chalcographus

SWITZERLAND:

Cladius pectinicornis

Melolontha melolontha

Stenoptilia stigmatodactyla

Taeniothrips picipes

SYRIA:

Bostrichus capucinus

Penicbroa fasciata

TAHITI:

Ceroplastes rubens

Coccus viridis

Dacus oleae

Dialeurodes kirkaldyi

Frankliniella sulphurea

Geotomus pygmaeus

Haplothrips gowdeyi

Morganella longispina

Pentalonia nigronervosa

Prays oleellus

Protopulvinaria longivalvata

Pseudaonidia trilobitiformis

Suidasia medianensis

TANGANYIKA:

Trogoderma granarium

THAILAND:

Pachybrachius nietneri

Parlatoria citri

P. zizyphus

Pectinophora gossypiella

Pinnaaspis buzi

Trogoderma granarium

TORTOLA:

Ancylostomia stercorea

Vaginulus occidentalis(?)

TRINIDAD:

Acanthoscelides armitagei

Aganactestes indecora

Campylenchia hastata

Cylas formicarius elegantulus

Euscepes postfasciatus

Maruca testulalis

Parlatoria cinerea

Unaspis citri

Vinsonia stellerifera

TUNISIA:

Parlatoria zizyphus

TURKEY:

Bruchus ervi

Ceratitis capitata

Cochlicella ventrosa

Helicella derbentina

H. neglecta

H. prolea

H. striata

H. variabilis

Megastigmus suspectus

Monacha olivieri

Otala vermiculata

Pectinophora gossypiella

Thrips major

UNION OF SOVIET SOCIALIST

REPUBLICS:

Argyresthia conjugella

Ectomyeloides ceratoniae

UNITED ARAB REPUBLIC:

Ceratitis capitata

Gnorimoschema ocellatella

Lixus junci

Trogoderma granarium

UNKNOWN:

Acanthoscelides armitagei

Countries of Origin and Insects—Continued

UNKNOWN—Continued

Achaea janata
Amphimallon majalis
Aonidiella citrina
Blastodacna atra
Blosyris scopis
Cacocimorpha pronubana
Caryedon gonagra
Ceratitis capitata
Characoma albulalis(?)
Chilo suppressalis
Chrysomphalus personatus
Cryptoblabes gnidiella
Dacus dorsalis
Earlus insulana
Ectomyelois ceratoniae
Eurytoma orchidearum
Euzoa bilitura
Frankliniella formosae
F. intonsa
F. tenuicornis
Furcaspis oceanica
Gymnandrosoma aurantianum
Helicella striata
Heliothis armigera
Helix aspersa
Laspeyresia splendana
Nephotettix apicalis
Nomophila noctuella
Opogona sacchari
Ostrinia nubilalis
Otosema odorata
Pagoda salvalis
Parlatoria cinerea
P. zizyphus
Peritrechus nubilus
Pheidole megapheala
Phytomyza rufipes
Pinnaspis buxi
Plagionotus arcuatus
Poecilozonites circumfirmatus
Potosia opaca
Pseudococcus boninsis
Pulvinaria psidii

Pyrrhodium sanguineum
Rhagoletis cerasi
Schoenobius incertulas
Sesamia nonagriodes
Spanioneura fonscolombei
Taeniothrips atratus
Theba pisana
Thrips angusticeps
T. flavus
T. major
Trogoderma granarium
Unaspis citri
Unaspis yanonensis
Vinsonia stellifera

VENEZUELA:

Acanthoscelides armitagei
Anastrepha mombrinaepraeoptans
Bephrata maculicollis
Cylas formicarius elegantulus
Drymaeus multilineatus
Lamellaris gracilis
Nomophila noctuella
Orthaticus pulchellus protoglyptus
Pseudoaonidia trilobitiformis
Stenoma catenifer
Synrias diffundens(?)
Tenthercoris venezuelensis

VIETNAM:

Parlatoria citri
Sinorylon anale
S. conigerum

WEST AFRICA:

Leucinodes orbonalis
Stephanoderes hampei
Trogoderma granarium

WEST PACIFIC:

Prodenia litura

YUGOSLAVIA:

Curculio elephas
Diaspis juniperi
Ectomyelois ceratoniae
Frankliniella intonsa
Ostrinia nubilalis

Pests Collected and Reported From July 1, 1961, Through June 30, 1962

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
† <i>Alternaria zinniae</i> Pape: Zinnia sp. (seed)	Canada, Netherlands.....	-----	-----	2	N.J.
<i>Aphelenchoides fragariae</i> (Ritzema Bos) Christie: <i>Bletilla striata</i> (orchid) stem	Japan.....	-----	-----	3	N.J.
<i>Aphelenchoides subtennis</i> (Cobb) Steiner & Buhrer: Narcissus sp.	Italy.....	-----	-----	1	N.Y.
† <i>Ascochyta armoraciae</i> Fekl.: <i>Armoracia lapathifolia</i> (horseradish) top.....	Germany.....	-----	1	-----	Calif.*
<i>Ascochyta citri</i> Penz.: Citrus aurantium (sour orange) peel.....	Japan.....	-----	1	-----	Calif.*
C. grandis (pummelo)	†Formosa.....	-----	1	-----	Calif.*
C. limon (lemon)	Japan.....	-----	1	-----	Calif.*
<i>Cercospora angraci</i> Feuill. & Roum.: Epidendrum sp. (orchid) leaf.....	Bahamas.....	-----	-----	1	Fla.
Stanhopea sp. (orchid) leaf.....	Canal Zone.....	-----	-----	1	Tex.
† <i>Cercospora cupheae</i> Syd.: Cuphea sp. (herbarium specimen)	Mexico.....	1	-----	-----	Ariz.
† <i>Cercospora erythrinae</i> Ell. & Ev.: Erythrina sp. (coralbean) herbarium specimen.....	do.....	1	-----	-----	Ariz.
<i>Cercospora odontoglossi</i> Prill. & Del.: Orchid (leaf)	do.....	-----	-----	2	Tex.
† <i>Cercospora populina</i> Ell. & Ev.: Populus sp. (poplar) herbarium specimen.....	do.....	1	-----	-----	Ariz.
<i>Cercospora punicae</i> P. Henn.: Punica granatum (pomegranate) fruit and leaf.....	do.....	3	-----	1	Tex.
† <i>Cerotelium fici</i> (Butl.) Arth.: Ficus carica (fig)	Dominican Republic.....	1	-----	-----	P.R.
† <i>Chaetopeltopsis tenuissima</i> (Petch) Th.: Orchid.....	Mexico(?).....	-----	-----	1	Ariz.
Spondias cytherea (vi-apple).....	Puerto Rico.....	1	-----	-----	P.R.
S. mombin (yellow mombin).....	do.....	1	-----	-----	P.R.
<i>Chrysomya ledi</i> d By. var. <i>rhododendri</i> (d By.) Savile: Rhododendron ferrugineum (rock rhododendron) leaf.....	Austria, England, Italy, Switzerland, unknown.....	16	1	2	N.J., N.Y.
Rhododendron sp.	Austria, Germany, Switzerland.....	5	-----	-----	Ill., Mass., N.Y.
† <i>Coniella diplodiella</i> (Speg.) Petr. & Syd.: Citrus aurantifolia (sweet lime)	Mexico.....	2	-----	-----	Ariz., Tex.
† <i>Coniothecium scabrum</i> McAlp.: Citrus reticulata (Mandarin orange)	Japan.....	3	-----	-----	Hawaii.
<i>Coniothyria agaves</i> (Dur. & Mont.) Petr. & Syd.: Agave sp.	Mexico.....	-----	-----	1	Tex.
<i>Coniothyrium cytisellum</i> (Pass. & Thuem.) Sacc.: Laburnum X watereri (Waterer laburnum)	Netherlands.....	-----	-----	2	N.J.
† <i>Coniothyrium trabutti</i> A. Riza: Pelargonium sp. (geranium) leaf.....	Mexico.....	-----	-----	1	Tex.
<i>Corynebacterium fascians</i> (Tilford) Dows.: Dahlia hybrid (crown)	Unknown.....	-----	-----	1	N.J.
† <i>Criconeina celestem</i> Wu: Soil with Anthurium sp. plant.....	Mexico.....	-----	-----	1	Tex.
† <i>Criconemoides curvatum</i> Raski: Soil with Begonia sp.	Argentina.....	-----	-----	1	N.Y.
Soil with unidentified plant.....	Mexico.....	-----	-----	1	Ariz.
<i>Criconemoides mutabile</i> Taylor: Soil with plants (Azonopus sp., Cissus sp., Philodendron sp., and Pinus sp.).....	do.....	-----	-----	4	Ariz., Tex.
† <i>Criconemoides peruense</i> (Steiner) Taylor: Soil with Begonia sp.	do.....	-----	-----	1	Tex.
<i>Cronartium quercuum</i> (Berk.) Shirai: Quercus emoryi (Emory oak)	do.....	1	-----	-----	Ariz.
Quercus sp. (dry leaf)	Japan.....	-----	1	-----	N.Y.
<i>Cronartium ribicola</i> Fisch. v. Waldh.: Ribes sp. (currant) leaf.....	Canada.....	1	-----	-----	Mass.
<i>Cryptocline paradoxa</i> (de N.) Ark: Hedera helix 'Hibernica' (Irish ivy)	Netherlands.....	-----	-----	1	N.J.
<i>Cryptospora longispora</i> Servazzi: Araucaria excelsa (Norfolk-Island-pine) seed.....	Australia, New Zealand, Norfolk Island.....	-----	-----	9	Calif.,* Fla., N.J.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Cumminsia mirabilissima</i> (Pk.) Nanmf.	France		1		Mass.
<i>Mahonia aquifolium</i> (Oregon-grape) leaf	Unknown		2		N.Y.
<i>Mahonia</i> sp.					
† <i>Cylindrosporium castaneae</i> (Lev.) Krenner:	Italy(?)		1		N.Y.
<i>Castanea</i> sp. (chestnut) leaf					
<i>Cytospora punica</i> Sacc.:					
<i>Punica granatum</i> (pomegranate)	Mexico	1			Tex.
† <i>Cytospora translucens</i> Sacc.:					
<i>Salix</i> sp. (willow) basket	Switzerland	1			Mass.
† <i>Dendrodochium rubellum</i> Sacc.:					
<i>Chamaedorea ernesti-augustii</i> (seed)	Mexico			1	Calif.
† <i>Dendrophoma pulvis-pyrus</i> Sacc.:					
<i>Malus sylvestris</i> (apple)	Italy		1		N.Y.
† <i>Diaporthe camelliae</i> F. Tassi:					
<i>Camellia japonica</i> (twig)	New Zealand			1	Fla.
† <i>Didymascella</i> (<i>Keithia</i>) <i>thujina</i> (Dur.) Maire:					
<i>Thuja</i> sp. (arborvitae) leaf	Canada			1	N.Y.
<i>Didymellina ornithogali</i> Jacques:					
<i>Ornithogalum thyrsoides</i> (Cape chinkerichee) flower and stem	Republic of South Africa	2			N.Y.
† <i>Diplodia coccocarpa</i> Sacc.:					
<i>Cocos nucifera</i> (coconut) cap	Nicaragua	1			Calif.*
<i>Diplodia oryzae</i> I. Miyake:					
<i>Oryza sativa</i> (rice) straw	Japan		31		Calif.*
† <i>Diplodina salicis</i> West.:					
<i>Salix</i> sp. (willow) rooted twig	Denmark			1	Pa.
<i>Ditylenchus destructor</i> Thorne:					
<i>Colchicum giganteum</i> (autumn-crocus)	Netherlands			1	N.Y.
<i>Gladiolus nanus</i> 'Blushing Bride'	do.			1	N.Y.
<i>Ditylenchus dipsaci</i> (Kühn) Filip.:					
<i>Allium cepa</i> (onion) sets	England			1	N.Y.
<i>A. sativum</i> (garlic)	Mexico	3			Tex.
<i>Narcissus</i> 'Ripple' (bulb)	England			1	N.J.
† <i>Dothidella depazeoides</i> (Desm.) Th. & Syd.:					
<i>Buxus</i> sp. (boxwood) foliage	Spain		1		Mass.
<i>Dothiorella pericarpica</i> Sacc.:					
<i>Macrozamia</i> sp. (cycad) seed	Australia			1	Calif.*
<i>Dothiorella phomiformis</i> (Sacc.) Petr. & Syd.:					
<i>Quercus</i> sp. (oak) leaf	Japan		1		N.Y.
† <i>Elsinoe ampelina</i> Shear:					
<i>Vitis vinifera</i> (European grape) stem	Germany			1	N.Y.
<i>Vitis</i> sp. (cutting)	Italy			1	N.Y.
<i>Elsinoe australis</i> Bitanc. & Jenkins:					
<i>Citrus aurantifolia</i> (lime)	Argentina, Brazil		7		Calif.,* La., Pa., P.R.
<i>C. limon</i> (lemon)	Argentina, Brazil	1	30		Calif.,* Fla., Ga., Hawaii, La., N.Y., Pa.
<i>C. paradisi</i> (grapefruit)	Argentina, Brazil		5		Calif.,* Fla., Ga., La., Pa.
<i>C. reticulata</i> (Mandarin orange)	Argentina, Brazil, Paraguay, unknown.	6	14		Ariz., Calif.,* Fla., Ga., Hawaii, La., N.Y., Pa.
<i>C. reticulata</i> hybrid	Argentina		2		N.Y.
<i>C. reticulata</i> X <i>C. sinensis</i> (tangor)	do.	1	1		N.Y.
<i>C. sinensis</i> (sweet orange)	Argentina, Brazil, Paraguay, unknown, Uruguay.	13	133		Ala., Calif.,* Fla., Ga., Hawaii, La., Md., Mass., Mich., N.Y., Pa., P.R., S.C., Tex.

See footnotes at end of table.

Pests*Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of inter- ceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Elsinoe mangiferae</i> Bitanc. & Jenkins: <i>Mangifera indica</i> (mango)-----	†Dominican Repub- lic, Puerto Rico.	2	1	-----	Pa., P.R.
<i>Elsinoe phaseoli</i> Jenkins: <i>Phaseolus lunatus</i> (lima bean) pod-----	Puerto Rico-----	1	-----	-----	Ill.
<i>Elsinoe piri</i> (Wor.) Jenkins: <i>Malus sylvestris</i> (apple)-----	Spain-----	-----	1	-----	La.
† <i>Fusarium larvarum</i> Fekl.: <i>Zelkova serrata</i> (Japanese zelkova) dwarf tree--	Japan-----	-----	-----	1	Calif.*
<i>Graphiola borassi</i> Syd. & Butl.: <i>Borassus flabellifera</i> (palmyra palm)-----	India-----	2	-----	-----	N.Y., Tex.
†"Greasy spot": <i>Citrus reticulata</i> (Mandarin orange) leaf-----	Guadeloupe-----	-----	1	-----	Md.
<i>C. sinensis</i> (sweet orange) leaf-----	Jamaica-----	1	-----	-----	Fla.
<i>Guignardia (Phoma) citricarpa</i> Kiely: <i>Citrus aurantifolia</i> (lime)-----	Australia-----	-----	1	-----	Hawaii.
<i>C. aurantium</i> (sour orange)-----	Japan-----	-----	3	-----	Calif.* Wash.
<i>C. grandis</i> (pummelo)-----	Formosa, Japan, un- known.	2	2	-----	Calif.* Mich., N.Y.
<i>C. limon</i> (lemon)-----	Argentina, Australia, Brazil, Formosa, Hong Kong, Japan, Republic of South Africa, Singapore, unknown.	1	62	-----	Calif.* Fla., Hawaii, Ill., La., Mass., Mich., N.Y., Pa., S.C., Wash.
<i>C. paradisi</i> (grapefruit)-----	Australia, Formosa, Hong Kong, Japan, Republic of South Africa.	1	8	-----	Calif.* La., Mass., N.Y., Pa., Tex.
<i>C. paradisi</i> X <i>C. reticulata</i> (tangelo)-----	Japan, †Korea-----	2	1	-----	Hawaii.
<i>C. reticulata</i> (Mandarin orange)-----	Australia, China, Formosa, Hong Kong, Japan, †Korea, Okinawa, Phil- ippines, †Tahiti(?), unknown, Vietnam.	90	10	-----	Calif.* Hawaii, Ill., Mass., N.Y., Wash.
<i>C. sinensis</i> (sweet orange)-----	Argentina, Australia, Brazil, China, Fed- eration of Malaya, Formosa, Hong Kong, Japan, Macao, Mozam- bique, Okinawa, Philippines, Repub- lic of South Africa, †Tahiti(?), Thailand, unknown.	101	128	-----	Calif.* Fla., Ga., Hawaii, Ill., La., Md., Mass., Mich., Minn., N.J., N.Y., Ohio, Pa., P.R., S.C., Tex., Wash.
<i>Citrus</i> sp. (dry peel, fruit, and leaf)-----	Asia (country (?)), China, Formosa, Hong Kong, Japan, unknown.	49	2	-----	Bahamas, Calif.* Ga., Ill., Mass., Mich., N.Y., Tex., Wash.
<i>Fortunella</i> sp.(?) (kumquat) leaf-----	Hong Kong-----	1	-----	-----	Hawaii.
† <i>Gynnosporangium cornutum</i> Kern.: <i>Sorbus aucuparia</i> (European mountainash)-----	Finland, Norway-----	2	-----	1	Mass., N.Y.
<i>Gynnosporangium haraeae</i> Syd.: <i>Juniperus chinensis</i> (pyramid Chinese juniper)-	Japan-----	-----	-----	3	Hawaii.
† <i>Helicotylenchus buzophilus</i> (Golden) Perry: Soil with <i>Euonymus</i> sp. plant-----	Mexico-----	-----	-----	1	Tex.

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Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
† <i>Helicotylenchus dihystra</i> (Cobb) Sher: Soil with propagative material (<i>Begonia</i> sp., <i>Caladium</i> sp., <i>Citrus</i> sp., <i>Euphorbia</i> sp., <i>Ficus elastica</i> , <i>Impatiens balsamina</i> , <i>Lilium</i> sp., <i>Portulaca</i> sp., <i>Prunus persica</i> , <i>Rhododendron</i> sp., <i>Ruta graveolens</i> , <i>Saxseriveria</i> sp., succulent, <i>Tradescantia</i> sp., and unidentified plants).	Azores, Argentina, Brazil, England, Mexico.	-----	-----	15	Ariz., Mass., N.Y., Tex.
<i>Helicotylenchus nannus</i> Steiner: Soil with propagative material (<i>Aglaonema</i> sp., <i>Asparagus sprengeri</i> , <i>Begonia</i> sp., <i>Dioon edule</i> , fern, <i>Hydrangea</i> sp., and <i>Mentha</i> sp.).	Italy, Mexico	-----	-----	7	N.Y., Tex.
<i>Heterodera avenae</i> (Wr.) Filip.: Soil.....	Germany.....	1	-----	-----	N.J.
Soil with <i>Allium sativum</i> (garlic).....	Italy.....	2	-----	-----	N.J.
Soil with automobile.....	England, Germany.....	2	-----	-----	Fla.
Soil with <i>Colocasia esculenta</i> (dasheen).....	†Azores.....	1	-----	-----	N.Y.
Soil with military cargo.....	England, France.....	3	-----	-----	N.J.
Soil with propagative material (cactus, <i>Larix</i> sp., and <i>Prunus persica</i>). Soil with <i>Solanum tuberosum</i> (potato).....	Austria, Germany, Italy, †Canary Islands.....	-----	-----	3	N.J., N.Y.
<i>Heterodera cacti</i> Filip. & Schuurm. Stek.: Soil sample.....	Mexico.....	1	-----	-----	Tex.
Soil with <i>Allium sativum</i> (garlic).....	do.....	6	-----	-----	N.Y.
Soil with bagging (cover on cotton bale).....	do.....	1	-----	-----	Tex.
Soil with propagative material (<i>Amaryllis</i> sp., <i>Begonia</i> sp., <i>Bougainvillea</i> sp., cactus, <i>Dahlia</i> hybrid, <i>Euphorbia</i> sp., <i>Ficus elastica</i> , <i>Lilium</i> sp., <i>Opuntia</i> sp., <i>Pelargonium</i> sp., <i>Portulaca grandiflora</i> , <i>Tradescantia</i> sp., and unidentified plants).	Austria, †Belgium, †Costa Rica, England, France, Germany, Italy, Mexico, †Peru, †Sweden.	-----	-----	63	Ariz., Calif.,* Fla., N.J., N.Y., Tex.
Soil with railway car.....	Mexico.....	-----	2	-----	Tex.
Soil with <i>Solanum tuberosum</i> (potato).....	do.....	-----	1	-----	La.
Soil with tractor.....	do.....	1	-----	-----	Tex.
<i>Heterodera humuli</i> Filip.: Soil with <i>Humulus lupulus</i> (hops).....	Germany.....	-----	-----	1	N.Y.
<i>Heterodera punctata</i> Thorne: Soil.....	Mexico.....	2	-----	-----	Tex.
Soil with army tanks.....	Germany.....	1	-----	-----	Md.
Soil with automobile.....	England, Germany, Ireland(?), Sweden.	8	-----	-----	Fla., Ill., Md., Mass. Pa.
Soil with <i>Colocasia esculenta</i> (dasheen).....	†Portugal.....	1	-----	-----	Mass.
Soil with military cargo.....	†Morocco.....	1	-----	-----	N.J.
Soil with mudbird nest.....	†Argentina.....	1	-----	-----	Fla.
Soil with propagative material (<i>Begonia</i> sp., cactus, <i>Ficus elastica</i> , <i>Lavandula</i> sp., <i>Lilium</i> sp., <i>Musa paradisiaca</i> var. <i>sapientum</i> , <i>Pelargonium</i> sp., <i>Philodendron</i> sp., <i>Sedum</i> sp., <i>Sequoia</i> sp., unidentified cutting and plant, and <i>Viola</i> sp.). Soil with semi-trailer.....	England, Germany, Ireland, Italy, Mexico, Norway, Sweden, unknown.	-----	-----	27	Ariz., Ill., Mass., Mich., N.J., N.Y., Tex.
Soil with stores (<i>Apium graveolens</i> , <i>Brassica rapa</i> , and <i>Solanum tuberosum</i>). Soil with <i>Trifolium repens</i> var. (shamrock).....	England.....	1	-----	-----	N.J.
<i>Heterodera rostochiensis</i> Wr.: Soil.....	Belgium, Netherlands, Wales. Ireland.....	-----	3	-----	Fla., La.
Soil with <i>Allium cepa</i> (onion).....	-----	1	-----	-----	Ill., Pa.
Soil with automobile.....	England, France, Germany.	9	-----	-----	Ala., Ill., N.J., N.Y., Tex.
					Ill., N.Y. Ala., Fla., La., Md., Tex.

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Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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		Consumption	Nonconsumption	Propagation	
<i>Heterodera rostochiensis</i> Wr.—Continued					
Soil with propagative material (Araceae, <i>Asparagus sprengeri</i> , bromeliad, cactus, <i>Calluna vulgaris</i> , <i>Coleus</i> sp., conifer, <i>Convallaria majalis</i> , <i>Dahlia</i> hybrid, <i>Fragaria</i> sp., <i>Gladiolus</i> hybrid, <i>Hedera</i> sp., <i>Lavandula</i> sp., <i>Oralis</i> sp., <i>Pelargonium</i> sp., <i>Polianthes tuberosa</i> , <i>Primula</i> sp., <i>Ribes</i> sp., <i>Saintpaulia</i> sp., Sapindaceae, <i>Sedum</i> sp., <i>Solanum pseudocapsicum</i> , <i>Syringa</i> sp., <i>Trifolium repens</i> var., unidentified bulb and plant, and <i>Viola</i> sp.).	England, Germany, Ireland, Mexico, Peru, Scotland, Sweden, unknown.	-----	-----	37	Ariz., Calif.* Ill., Mass., Mich., N.J., N.Y., Pa., Tex.
Soil with <i>Solanum andigena</i> (tuber)-----	Peru-----	1	-----	-----	Calif.*
Soil with <i>Solanum tuberosum</i> (potato)-----	Denmark, England, Germany, Ireland, Peru, Scotland, Sweden, unknown.	3	15	-----	Ala., Calif.,* Fla., La., Md., Mass., N.J., N.C., Tex., Wash.
Soil with stores (<i>Apium graveolens</i> , <i>Armoracia lapathifolia</i> , <i>Beta vulgaris</i> , and <i>Brassica rapa</i>).	England, France, Germany, Netherlands.	-----	10	-----	Fla., Tex., Wash.
Soil with tree fern log-----	Mexico-----	1	-----	-----	Tex.
† <i>Hypoxylon marginatum</i> (Schw.) Berk.: Wood (log)-----	Philippines-----	1	-----	-----	Hawaii.
<i>Kuehneola uredinis</i> (Lk.) Arth.: <i>Rubus</i> sp. (leaf)-----	France, unknown-----	-----	3	-----	Mass.
<i>Leptosphaeria eustomoides</i> Sacc.: <i>Triticum aestivum</i> (wheat) straw-----	Japan, Norway-----	-----	8	-----	Calif.*
<i>Leptosphaeria protearum</i> Syd.: <i>Protea</i> sp. (leaf)-----	Republic of South Africa-----	1	-----	-----	N.Y.
<i>Lophodermium arundinaceum</i> (Fr.) Chev.: <i>Phragmites</i> sp. (reed)-----	Czechoslovakia, Germany-----	3	-----	-----	Ill., Mass.
† <i>Lophodermium juniperinum</i> (Fr.) de N.: <i>Juniperus communis</i> (common juniper)-----	England-----	-----	1	-----	N.J.
† <i>Lophodermium piceae</i> (Fckl.) Hoehn.: <i>Picea</i> sp. (spruce) needles-----	Switzerland-----	1	-----	-----	N.Y.
<i>Macrophoma araucariae</i> De Lac.: <i>Araucaria cookii</i> (seed)-----	New Zealand-----	-----	1	-----	Calif.*
<i>A. excelsa</i> (Norfolk-Island-pine) seed-----	Australia, New Zealand, Norfolk Island.	-----	5	-----	Calif.*
† <i>Macrophoma dalmatica</i> (Thuem.) Berl. & Vogl.: <i>Olea europaea</i> (olive)-----	Lebanon-----	1	-----	-----	Tex.
<i>Macrophoma musae</i> (Oke.) Berl. & Vogl.: <i>Musa</i> sp. (banana)-----	American Samoa, Nepal, Singapore.	2	1	-----	Hawaii, Mass.
† <i>Marssonina fragariae</i> (Sacc.) Kleb.: <i>Fragaria</i> sp. (strawberry) leaf-----	Venezuela-----	-----	1	-----	P.R.
<i>Meloidogyne arenaria</i> (Neal) Chitwood: <i>Achimenes</i> sp. (tuber)-----	India-----	-----	1	-----	N.Y.
<i>Aconitum</i> sp. (root)-----	Netherlands-----	-----	1	-----	N.Y.
<i>Agapanthus</i> sp. (root)-----	†Brazil-----	-----	1	-----	Fla.
<i>Begonia</i> sp. (root)-----	Mexico-----	-----	1	-----	Tex.
Cactus (root)-----	Peru-----	-----	1	-----	Fla.
<i>Caladium X hortulanum</i> 'Candidum' (tuber)-----	Guatemala-----	-----	1	-----	N.J.
<i>Dioscorea</i> sp. (yam)-----	Japan-----	-----	2	-----	Calif.*
<i>Hedychium</i> sp. (gingerlily) root-----	†Panama-----	-----	1	-----	Fla.
<i>Lactuca sativa</i> (lettuce) root-----	†West Africa-----	-----	1	-----	Mass.
<i>Peperomia</i> sp. (plant)-----	Mexico-----	-----	1	-----	Tex.
<i>Solanum tuberosum</i> (potato)-----	Argentina, †Brazil-----	-----	2	-----	Pa.
Succulent plant-----	Mexico-----	-----	1	-----	Tex.
<i>Ulmus</i> sp. (elm) root of dwarf tree-----	Japan-----	-----	1	-----	Calif.*
<i>Zingiber officinale</i> (ginger) root-----	†Panama-----	-----	1	-----	Fla.
† <i>Meloidogyne arenaria arenaria</i> (Neal) Chitwood: <i>Caladium</i> sp. (root)-----	Guatemala-----	-----	1	-----	Fla.

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Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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<i>Meloidogyne arenaria thamesi</i> Chitwood:					
<i>Dahlia</i> hybrid (root).....	Japan.....	-----	-----	1	Calif.*
<i>Gladiolus</i> hybrid (corm).....	do.....	-----	-----	2	Calif.*
<i>Hosta sieboldiana</i> (Siebold plantainlily).....	do.....	-----	-----	1	N.J.
<i>Solanum tuberosum</i> (potato).....	do.....	-----	1	-----	Calif.*
<i>Meloidogyne hapla</i> Chitwood:					
<i>Achimenes</i> sp. (tuber).....	†India.....	-----	-----	1	N.Y.
<i>Aconitum</i> sp. (root).....	England, Netherlands.....	-----	-----	3	N.Y.
<i>Agostache cana</i> (mosquito-plant) root.....	England.....	-----	-----	1	N.J.
<i>Aster farreri</i> 'Berggarten' (Farrer aster).....	Netherlands.....	-----	-----	1	N.J.
<i>Chrysanthemum arcticum</i> (root).....	†Switzerland.....	-----	-----	1	N.J.
<i>Clematis lawsoniana</i> (root).....	Netherlands.....	-----	-----	1	N.Y.
<i>C. patens</i> 'Dutchess of Edinburgh' (root).....	do.....	-----	-----	1	N.Y.
<i>C. vedrariensis</i> (root).....	England.....	-----	-----	1	D.C.
<i>Clematis</i> hybrid (root).....	England, †France, Netherlands.....	-----	-----	13	D.C., N.Y.
<i>Delphinium</i> sp. (root).....	Netherlands.....	-----	-----	1	N.Y.
<i>Fragaria</i> sp. (strawberry) root.....	†France.....	-----	-----	3	N.Y.
<i>Gerbera</i> sp. (root).....	†India.....	-----	-----	1	N.Y.
<i>Geum</i> sp. (root).....	Netherlands.....	-----	-----	1	N.J.
<i>Hepatica</i> sp. (root).....	England, Japan.....	-----	-----	2	D.C., N.J.
<i>Oenothera fruticosa</i> 'W. Cuthbertson' (common sundrops) root.....	Netherlands.....	-----	-----	1	N.J.
<i>Pelargonium</i> sp. (geranium) root.....	do.....	-----	-----	1	N.Y.
<i>Potentilla</i> sp. 'Klondike' (root).....	do.....	-----	-----	1	N.Y.
<i>Pyrethrum</i> sp. (root).....	England, Netherlands.....	-----	-----	2	N.Y.
<i>Teucrium montanum</i> (germander) root.....	Germany.....	-----	-----	1	N.J.
<i>Viburnum grandiflorum</i> (root).....	England.....	-----	-----	1	D.C.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood:					
<i>Alocasia macrorhiza</i> 'Mottled' (root).....	Mexico.....	-----	-----	1	Tex.
<i>Alocasia</i> sp. (root).....	do.....	-----	-----	2	Tex.
<i>Anthurium</i> sp. (root).....	Trinidad.....	-----	-----	1	Fla.
<i>Begonia</i> sp. (root).....	Brazil, Mexico, †Portugal.....	-----	-----	4	N.J., N.Y., Tex.
<i>Beta vulgaris</i> (beet) root.....	Brazil, Mexico.....	2	1	-----	Fla., Tex.
<i>Cactus</i> (root).....	Mexico.....	-----	-----	1	Tex.
<i>Caladium</i> sp. (root).....	do.....	-----	-----	1	Tex.
<i>Capsicum annuum</i> (pepper) root.....	do.....	-----	-----	1	Tex.
<i>Coleus</i> sp. (root).....	do.....	-----	-----	1	Tex.
<i>Colocasia esculenta</i> (dasheen).....	Cuba.....	1	-----	-----	Fla.
<i>Cordylone terminalis</i> (ti).....	Mexico.....	-----	-----	1	Ariz.
<i>Daucus carota</i> var. <i>sativa</i> (carrot).....	Italy, Mexico.....	2	1	-----	Pa., Tex.
<i>Daucus</i> sp. (root).....	Mexico.....	1	-----	-----	Tex.
<i>Dieffenbachia amoena</i> (tuffroot) root.....	do.....	-----	-----	1	Tex.
<i>Echeveria</i> sp. (root).....	do.....	-----	-----	3	Tex.
<i>Epiphyllum</i> sp. (cactus) root.....	do.....	-----	-----	1	Tex.
<i>Gardenia jasminoides</i> (root).....	do.....	-----	-----	1	Tex.
<i>Gladiolus</i> hybrid (corm).....	Japan.....	-----	-----	1	Calif.*
<i>Gypsophylla paniculata</i> (babysbreath) grafts.....	do.....	-----	-----	1	Calif.*
<i>Heliconia</i> sp. (root).....	Dominican Republic, †Ecuador.....	-----	-----	2	Fla.
<i>Hosta plantaginea</i> (root).....	Japan.....	-----	-----	1	N.J.
<i>Ipomoea batatas</i> (sweetpotato).....	Mexico, †Sierra Leone.....	1	1	-----	Calif.,* Md.
<i>Kaempferia rotunda</i> (tuber).....	India.....	-----	-----	1	N.J.
<i>Lonicera</i> sp. (honeysuckle) root.....	Mexico.....	-----	-----	1	Tex.
<i>Ornithogalum thyrsoides</i> (Cape chinkerlichee) bulb.....	Republic of South Africa.....	-----	-----	1	N.Y.
<i>Petroselinum crispum</i> (parsley) root.....	†Panama.....	-----	1	-----	Md.
<i>Polianthes tuberosa</i> (tuberose) bulb.....	Mexico.....	-----	-----	1	Ariz.
<i>Rarenala madagascariensis</i> (travelers palm) root.....	Cuba.....	-----	-----	1	Fla.
<i>Sansiveria</i> sp. (root).....	Mexico.....	-----	-----	1	Tex.
<i>Solanum tuberosum</i> (potato).....	Brazil, Mexico.....	1	2	-----	Ariz., Calif.,* Pa.
<i>Solanum</i> cv. 57, C.T. 11 (tuber).....	Mexico.....	-----	-----	1	D.C.
<i>Zantedeschia elliptica</i> (golden calla lily) tuber.....	Japan.....	-----	-----	1	N.J.
<i>Zebrina pendula</i> (wanderingjew zebrina).....	Mexico.....	-----	-----	1	Tex.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Meloidogyne incognita acrita</i> Chitwood:					
<i>Alocasia</i> sp. (root).....	Mexico.....	1			Tex.
<i>Andropogon nardus</i> (bluestem grass).....	do.....	1			Tex.
<i>Astilbe</i> 'Serenade' (root).....	Netherlands.....	1			N.J.
<i>Caladium</i> sp. (tuber).....	†Guatemala.....	2			Fla.
<i>Canna indica</i> (?) (India canna) root.....	Republic of South Africa.....	1			N.J.
<i>Euphorbia</i> sp. (root).....	do.....	1			Calif.*
<i>Fagraea berteriana</i> (root).....	†Tahiti.....	1			Hawaii.
<i>Ficus</i> sp. (fig) root.....	Italy.....	1			N.J.
<i>Gardenia</i> sp. (root).....	Mexico.....	1			Tex.
<i>Gladotus cardinalis</i> (cardinal gladiolus).....	Republic of South Africa.....	1			D.C.
<i>Ipomoea batatas</i> (sweetpotato).....	Japan.....		1		Calif.*
<i>Lactuca sativa</i> (lettuce) root.....	†Morocco.....		1		Mass.
<i>Solanum</i> sp. (root).....	Italy.....			1	N.Y.
<i>Solanum tuberosum</i> (potato).....	Chile, Mexico.....		1		Ariz., Pa.
<i>Zantedeschia</i> sp. (calla lily).....	†Azores.....			1	S.C.
<i>Zingiber officinale</i> (ginger) root.....	Japan.....		1		Calif.*
† <i>Meloidogyne incognita incognita</i> (Kofoid & White) Chitwood:					
<i>Lycopersicon esculentum</i> (tomato) root.....	Mexico.....	1			Calif.
<i>Meloidogyne javanica</i> (Treub) Chitwood:					
<i>Agave</i> sp. (root).....	†Spain.....			1	N.Y.
<i>Arum</i> sp. (root).....	Cuba.....		1		N.Y.
<i>Caryopteris X claudonensis</i> (bluebeard).....	†England.....			1	D.C.
<i>Caryopteris</i> 'Ferndonn' (root).....	do.....			1	D.C.
<i>Christum rivulare</i> var. <i>atropurpureum</i> (root).....	†Germany.....			1	N.J.
<i>Dioscorea spiculiflora</i> (tuber).....	Mexico.....			1	D.C.
<i>Dioscorea</i> sp. (yam) tuber.....	Japan.....		3		Calif., * Pa.
<i>Dracaena</i> sp. (root).....	Mexico.....			1	Ariz.
<i>Euphorbia clandestina</i> (root).....	Republic of South Africa.....			1	Calif.*
<i>E. fasciculata</i> (root).....	do.....			1	Calif.*
<i>Fragaria</i> sp. (strawberry) root.....	France.....			1	N.Y.
<i>Gerbera</i> sp. (root).....	India.....			1	Fla.
<i>Gladolus hybrid</i> (corm).....	Japan.....			5	Calif.*
<i>Iris hybrid</i> (rhizome).....	Republic of South Africa.....			1	N.Y.
<i>Ornithogalum thyrsoides</i> (Cape chinkerichie) bulb.....	do.....			1	N.Y.
<i>Polianthes tuberosa</i> (tuberose) bulb.....	Mexico.....			1	Ariz.
<i>Viburnum</i> sp. (root).....	†England.....			1	D.C.
<i>Zantedeschia elliptica</i> (golden calla lily) bulb.....	Japan.....			2	Calif., * Fla.
<i>Zingiber</i> sp. (ginger) root.....	†Costa Rica.....			1	Tex.
† <i>Meloidogyne javanica javanica</i> (Treub) Chitwood:					
<i>Hibiscus</i> sp. (root).....	Canal Zone.....			1	Calif.*
<i>Iris hybrid</i> (root).....	Jamaica.....			1	Fla.
<i>Izora</i> sp. (root).....	Canal Zone.....			1	Calif.*
<i>Zingiber</i> sp. (ginger) root.....	do.....			1	Calif.*
<i>Monilinia fructigena</i> (Aderh. & Ruhl.) Honey:					
<i>Malus sylvestris</i> (apple).....	Sweden.....	1			N.Y.
<i>Prunus domestica</i> (plum).....	France, Germany.....	1	1		Pa.
<i>Prunus</i> sp. (cherry).....	France, Spain.....	1	1		Pa.
† <i>Mycosphaerella acicola</i> (Oke. & Harkn.) Lindau:					
<i>Pinus</i> sp. (pine) needles.....	Unknown.....			1	Mich.
<i>Mycosphaerella fragariae</i> (Tul.) Lindau:					
<i>Fragaria</i> sp. (strawberry) leaf.....	Canada, Germany, †Poland.....			5	Calif., * N.Y.
† <i>Mycosphaerella palmarum</i> Miles:					
Palm (leaf).....	Bahamas.....	1			Bahamas.
<i>Mycosphaerella schoenoprasii</i> (Ces. & de N.) Schroet.:					
<i>Allium cepa</i> (onion).....	†New Zealand.....	1			Calif.*
<i>A. fistulosum</i> (Welsh onion) leaf.....	Japan.....		5		N.Y., Pa.
<i>A. porrum</i> (leek).....	Japan, †New Zealand, Spain.....		14		Calif., * N.Y., Ohio, Pa., P.R.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
† <i>Mycosphaerella taxodii</i> (Cke.) Lindau: <i>Taxodium</i> sp. (bald cypress).....	Mexico.....	1			Ariz.
† <i>Myiocopron corrientinum</i> Speg.: <i>Cattleya</i> sp. (orchid) leaf.....	do.....			1	Tex.
<i>Oncidium</i> sp. (orchid) pseudobulb.....	British Honduras.....			1	Tex.
† <i>Myiocopron pereirae</i> Tassi: <i>Pterocarpus violaceum</i> (padauk) seed.....	Brazil.....			1	N.Y.
† <i>Nectria infusaria</i> Cke. & Harkn.: <i>Acacia costaricensis</i> (stem).....	Canal Zone.....	1			N.J.
<i>Neovossia horrida</i> (Tak.) Padw. & A. Khan: <i>Oryza sativa</i> (rice).....	†Italy, Japan.....	1	124		Calif.,* N.Y.
<i>Ophiodothella orchidearum</i> Cash & Watson: <i>Epidendrum aromaticum</i> (orchid).....	Mexico.....			1	Tex.
<i>E. laucheanum</i> (orchid).....	†Costa Rica.....			1	Calif.*
<i>Odontoglossum</i> sp. (orchid).....	Mexico.....			1	Tex.
Orchid.....	do.....			1	Ariz.
<i>Papularia vinosa</i> (Berk. & Curt.) Mason: <i>Bambusa</i> sp. (bamboo).....	do.....			1	Ariz.
<i>Phaeosphaerella senniana</i> Sacc.: <i>Protea</i> sp. (cut flower).....	Republic of South Africa.....	1			Mass.
† <i>Phakopsora gossypii</i> (Arth.) Hirat. f.: <i>Gossypium</i> sp. (cotton) leaf.....	Haiti.....	1			Fla.
<i>Phakopsora jatrophiicola</i> Cumm.: <i>Jatropha gossypifolia</i> (leaf).....	Dominican Republic.....	1			Fla.
† <i>Phlyctena ficum</i> P. Henn.: <i>Ficus</i> sp. (herbarium specimen).....	Mexico.....	1			Ariz.
† <i>Phoma demissa</i> Sacc.: <i>Clematis</i> hybrid (leaf).....	France.....			1	N.J.
† <i>Phomopsis cedrelae</i> Camara: <i>Cedrela odorata</i> (cigarbox cedrela) seed.....	Dominica.....			1	N.Y.
† <i>Phyllachora engleri</i> Speg.: <i>Anthurium</i> sp. (leaf).....	Honduras.....			1	Fla.
† <i>Phyllachora graminis</i> (Fr.) Fekl.: <i>Elymus virginicus</i> (Virginia wildrye) seed.....	Denmark.....			1	N.J.
Grass—unidentified (plant).....	Honduras.....			1	Fla.
† <i>Phyllosticta bromeliae</i> Alm. & Cam.: Bromeliad.....	Mexico.....			1	Tex.
<i>Phyllosticta hedericola</i> Dur. & Mont.: <i>Hedera helix</i> (English ivy).....	England.....		4		Mass.
† <i>Phyllosticta parkinsoniae</i> Ell. & Ev.: <i>Parkinsonia</i> sp. (leaf).....	Mexico.....	1	1		Tex.
† <i>Phyllosticta phaseolina</i> Sacc.: <i>Phaseolus vulgaris</i> (bean).....	do.....	1			Tex.
<i>Phyllosticta ruscicola</i> Dur. & Mont.: <i>Ruscus aculeatus</i> (butchersbroom) leaf.....	Italy.....	1			Ohio.
<i>Ruscus</i> sp.....	do.....	1			Mich.
<i>Phyllostictina pyriformis</i> Cash & Watson: <i>Dendrobium</i> sp. (orchid).....	Hawaii.....			2	Hawaii.
<i>Laelia</i> sp. (orchid).....	Guatemala.....			1	Tex.
Orchid (leaf).....	Mexico.....			1	Tex.
<i>Rhynchosyris</i> sp. (orchid) leaf.....	Thailand.....			1	N.Y.
<i>Stanhoepa</i> sp. (orchid).....	Mexico.....			1	Tex.
<i>Vanda</i> sp. (orchid).....	Hawaii.....			1	Hawaii.
† <i>Pleospora microspora</i> Niessl: <i>Phragmites communis</i> (reed) leaf.....	Netherlands.....	1			Mass.
† <i>Pleospora samarae</i> Fekl.: <i>Fraxinus ornus</i> (flowering ash).....	Italy.....			1	N.J.
† <i>Pratylenchus coffeae</i> (Zimmermann) Goodey: <i>Dahlia</i> hybrid (root).....	Australia.....			2	N.J.
<i>Dioscorea</i> sp. (yam) tuber.....	Jamaica.....	1			Fla.
Soil with <i>Ruta graveolens</i> (common rue).....	Mexico.....			1	Ariz.
<i>Pratylenchus penetrans</i> (Cobb) Chitwood & Oteifa: <i>Clematis</i> hybrid (root).....	Netherlands.....			1	N.Y.
<i>Ligularia przewalskii</i> (goldenray) root.....	do.....			1	N.J.
<i>Tricyrtis</i> sp. (toadlily) root.....	do.....			1	N.Y.
† <i>Pratylenchus scribneri</i> Steiner: <i>Malus</i> sp. (apple) root stock.....	Canada.....			1	Wash.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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Pest and host	Country of origin	Number of inter- ceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Prosopidium appendiculatum</i> (Wint.) Arth.: <i>Tecoma stans</i> var. <i>incisum</i>	Mexico.....	1	-----	-----	Ariz.
† <i>Pseudolachnea bubakii</i> Ranojevic: <i>Acer japonicum</i> (fullmoon maple) twig.....	Italy.....	-----	-----	1	N.J.
† <i>Puccinia abyssinica</i> (P. Henn.) Syd.: <i>Jasminum abyssinicum</i> (leaf).....	Ethiopia.....	-----	-----	1	D.C.
<i>Puccinia buzi</i> DC.: <i>Buzus sempervirens</i> (boxwood) leaf.....	England, Germany, Ireland, Italy, un- known.	1	22	1	Mass., N.Y., Wash.
† <i>Puccinia carthami</i> Cda.: <i>Carthamus</i> sp.....	Greece.....	-----	-----	2	D.C.
<i>Puccinia horiana</i> P. Henn.: <i>Chrysanthemum mrisolium</i> (florists chrysan- themum).....	Japan.....	1	2	-----	Hawaii.
† <i>Puccinia iridis</i> Rab.: <i>Iris</i> hybrid (leaf).....	Bermuda, Haiti.....	1	1	-----	Mass., P.R.
<i>Puccinia longicornis</i> Pat. & Har.: <i>Sasa albomarginata</i> (bamboo) leaf.....	Japan.....	-----	1	-----	Calif.*
<i>Puccinia ornithogali-thyrsoides</i> Diet.: <i>Ornithogalum thyrsoides</i> (Cape chinkerichee)....	Republic of South Africa.	1	-----	-----	N.Y.
† <i>Puccinia polygoni-amphibii</i> Pers.: <i>Polygonum sachalinense</i> (Sakhalin knotweed) leaf with seed.....	Union of Soviet Socialist Republics.	-----	-----	1	D.C.
<i>Puccinia urbaniana</i> P. Henn.: <i>Stachytarpheta jamaicensis</i> (Jamaica falseva- lerian) leaf and stem.....	Puerto Rico.....	1	-----	-----	Ill.
<i>Pyrenochaeta spinicola</i> Speg.: <i>Cephalocereus</i> sp. (cactus).....	Mexico.....	-----	-----	1	Tex.
† <i>Pythium intermedium</i> d By.: Roots (11 genera of trees).....	Union of Soviet Socialist Republics.	-----	-----	1	D.C.
† <i>Pythium mamillatum</i> Meurs: Roots (11 genera of trees).....	.....do.....	-----	-----	1	D.C.
† <i>Pythium salpingophorum</i> Drechsler: Roots (11 genera of trees).....	.....do.....	-----	-----	1	D.C.
† <i>Pythium ultimum</i> Trow: Roots (11 genera of trees).....	.....do.....	-----	-----	1	D.C.
<i>Radopholus similis</i> (Cobb) Thorne: <i>Anthurium andraeanum</i> (flamingo anthurium).....	Hawaii.....	-----	-----	2	Hawaii.
<i>Zingiber</i> sp. (ginger) plant.....	.....do.....	-----	-----	1	Hawaii.
† <i>Rhytisma acerinum</i> (Pers.) Fr.: <i>Acer pseudoplatanus</i> (planetree maple) leaf.....	France.....	-----	1	-----	Mass.
<i>Acer</i> sp.....	.....do.....	-----	16	-----	N.Y.
† <i>Rhytisma ilicis-latifoliae</i> P. Henn.: <i>Ilex integra</i> (holly) leaf.....	Japan.....	-----	-----	1	D.C.
† <i>Rhytisma punctatum</i> (Pers.) Fr.: <i>Acer</i> sp. (maple) leaf.....	France.....	-----	1	-----	N.Y.
†Rose mosaic—yellow leaf: <i>Rosa</i> hybrid (rose) leaf.....	Colombia.....	1	-----	-----	Fla.
<i>Rotylenchus robustus</i> (de Man) Filip.: Soil with <i>Apium graveolens</i> var. <i>rapaceum</i> (celeriac).....	Netherlands.....	-----	1	-----	Fla.
Soil with assorted plants.....	Azores, Germany.....	-----	-----	2	Mass.
<i>Scutellonema brachyurum</i> (Steiner) Andrassy: <i>Amaryllis</i> sp. (bulb).....	Mexico.....	-----	-----	2	Ariz.
<i>Crassula</i> sp.....	.....do.....	-----	-----	1	Tex.
<i>Ficus elastica</i> (Indiarubber fig) plant.....	†Brazil.....	-----	-----	1	N.Y.
Soil with bulbs.....	Mexico.....	-----	-----	2	Tex.
Soil with <i>Kalanchoe tomentosa</i>	†Guatemala.....	-----	-----	1	Tex.
Soil with <i>Philodendron</i> sp.....	Mexico.....	-----	-----	1	Ariz.
Soil with assorted plants.....	.....do.....	-----	-----	2	Tex.
Soil with <i>Ruta graveolens</i> (common rue).....	.....do.....	-----	-----	1	Ariz.
<i>Scutellonema bradys</i> (Steiner & Le Hew) An- drassy: <i>Dioscorea</i> sp. (yam) root.....	Cuba.....	1	-----	-----	Fla.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

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Pest and host	Country of origin	Number of in- terceptions in—			Collected in—
		Consump- tion	Noncon- try	Propaga- tion	
<i>Septoria citri</i> Pass.:					
<i>Citrus limon</i> (lemon)-----	Italy, Spain, unknown-----	-----	6	-----	Calif., * N.Y.
<i>C. reticulata</i> (Mandarin orange)-----	Italy-----	1	-----	-----	N.Y.
<i>C. sinensis</i> (sweet orange)-----	Italy, Japan, Spain-----	1	5	-----	Calif., * Fla., P.R., Tex.
† <i>Septoria exotica</i> Speg.:					
<i>Hebe</i> sp. (cutting)-----	Greece(?)-----	1	-----	-----	Ill.
<i>Septoria leucanthemi</i> Sacc. & Speg.:					
<i>Chrysanthemum maximum</i> (Pyrenees chrysanthemum)-----	England-----	-----	1	-----	N.Y.
<i>Chrysanthemum</i> sp. (leaf)-----	†France-----	-----	2	-----	N.Y.
<i>Septoria limonum</i> Pass.:					
<i>Citrus limon</i> (lemon) fruit and leaf-----	Italy, †Spain-----	-----	4	-----	N.Y.
† <i>Septoria minimum</i> (Karst. & Har.) Arx:					
<i>Anthurium scherzerianum</i> (common anthurium) leaf-----	France-----	-----	1	-----	N.J.
<i>Anthurium</i> sp. (leaf)-----	Netherlands-----	-----	1	-----	N.J.
<i>Septoria oryzae</i> Catt.:					
<i>Oryza sativa</i> (rice) straw-----	Japan-----	-----	46	-----	Calif.*
<i>Septoria piricola</i> Desm.:					
<i>Pyrus</i> sp. (pear) leaf-----	Italy-----	-----	1	-----	Tex.
<i>Sphaceloma fauettii</i> Bitanc. & Jenkins var. <i>scabiosa</i> (McAlp. & Tryon) Jenkins:					
<i>Citrus limon</i> (lemon)-----	Australia-----	-----	10	-----	Fla., Ha- waii, La., Pa., S.C.
<i>Sphaceloma punicea</i> Bitanc. & Jenkins:					
<i>Punica granatum</i> (pomegranate)-----	†Dominican Repub- lic, Mexico-----	7	-----	-----	Ariz., N.Y., Tex.
<i>Sphaceloma rosarum</i> (Pass.) Jenkins:					
<i>Rosa</i> hybrid (rose) leaf-----	†England, Germany--	3	-----	-----	Ill., Mass.
† <i>Sphaceloma spondiadis</i> Bitanc. & Jenkins (?):					
<i>Spondias cytherea</i> (vi-apple)-----	Puerto Rico-----	1	-----	-----	N.Y.
† <i>Sphacelotheca reiliana</i> (Kuehn) Clint.:					
<i>Sorghum</i> sp. (seed)-----	Pakistan-----	-----	1	-----	D.C.
† <i>Sphaerophragmium acaciae</i> (Cke.) P. Magn.:					
<i>Albizia lebeck</i> (leaf)-----	Bahamas-----	1	-----	-----	Fla.
<i>Sphenospora kevorkianii</i> Linder:					
<i>Catasetum</i> sp. (orchid) leaf-----	Peru-----	-----	2	-----	Fla.
<i>Cochlidia coccinea</i> (orchid) leaf-----	†England-----	-----	1	-----	N.J.
<i>Cyrtopodium andersonii</i> (orchid) leaf-----	Brazil-----	-----	1	-----	Fla.
<i>Epidendrum</i> sp. (orchid) leaf-----	†Antigua, Baha- mas(?), Ecuador, Trinidad-----	-----	4	-----	Fla.
<i>Ionopsis</i> sp. (orchid) leaf-----	Jamaica-----	-----	3	-----	Fla.
<i>Miltonia roezlii</i> (orchid) leaf-----	Canal Zone-----	-----	1	-----	Fla.
<i>Miltonia</i> sp. (leaf)-----	do-----	-----	1	-----	Fla.
<i>Notylia albida</i> (orchid) leaf-----	†Guatemala-----	-----	1	-----	Fla.
<i>Oncidium ebolleta</i> (orchid)-----	†Mexico-----	-----	1	-----	Tex.
<i>O. fallens</i> (leaf)-----	Ecuador-----	-----	1	-----	N.Y.
<i>O. lozense</i> (leaf)-----	do-----	-----	1	-----	Fla.
<i>O. macranthum</i> (leaf)-----	do-----	-----	3	-----	Fla., N.Y.
<i>O. phalaenopsis</i> (leaf)-----	do-----	-----	1	-----	N.Y.
<i>O. pulchellum</i> (leaf)-----	Haiti, Jamaica-----	-----	3	-----	Fla.
<i>O. pusillum</i> (leaf)-----	†Guatemala-----	-----	1	-----	Fla.
<i>O. quadrupetalum</i> (leaf)-----	Jamaica-----	-----	1	-----	Fla.
<i>O. splendidum</i> (leaf)-----	Honduras-----	-----	1	-----	Fla.
<i>Oncidium</i> sp. (leaf)-----	British Honduras, †Colombia, Costa Rica, Ecuador, †Guatemala, Pan- ama, Peru-----	-----	12	-----	Fla., N.Y.
<i>Orchid</i> (leaf)-----	Brazil, †Guatemala, Haiti, Honduras, Jamaica, Panama-----	-----	7	-----	Fla.
<i>Ornithocephalus</i> sp. (orchid) leaf-----	Peru-----	-----	1	-----	Fla.
<i>Rodriguezia</i> sp. (orchid) leaf-----	†Colombia, Ecuador, Peru-----	-----	4	-----	Fla.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Sphenospora mera</i> Cumm.:					
<i>Calasetum</i> sp. (orchid) leaf.....	Peru.....			1	Fla.
<i>Cynoches aureum</i> (orchid) leaf.....	†Guatemala.....			1	Fla.
<i>Ionopsis</i> sp. (orchid) leaf.....	do.....			1	Fla.
<i>Miltonia roezlii</i> (orchid) leaf.....	†Canal Zone, Panama.....			6	Fla.
Orchid.....	Mexico.....			1	Tex.
<i>Sphenospora saphena</i> Cumm.:					
<i>Epidendrum</i> sp. (orchid) leaf.....	†Dominican Republic, †Trinidad.....			2	Fla.
<i>Ionopsis</i> sp. (orchid) leaf.....	Jamaica.....			1	Fla.
<i>Oncidium sphacelatum</i> (orchid).....	†Mexico.....			1	Tex.
<i>Oncidium</i> sp.....	Jamaica.....			2	Fla.
† <i>Steganosporium foliicola</i> (Desm.) Moore:					
<i>Arundinaria alpina</i> (bamboo) leaf.....	Ethiopia.....			1	D.C.
† <i>Stigmima palmivora</i> (Sacc. apud Trelease) Hughes:					
Palm (plant).....	Italy.....		1		Mich.
<i>Stomatogone agaves</i> (Ell. & Ev.) Th.:					
<i>Agave</i> sp.....	Mexico.....			1	Tex.
† <i>Strickeria obducens</i> (Fr.) Wint.:					
<i>Yucca schottii</i>	do.....	1			Ariz.
† <i>Strumella simmondsiae</i> Bonar:					
<i>Simmondsia californica</i> (California jojoba).....	do.....			1	Calif.
<i>Thecaphora solani</i> Barrus:					
<i>Solanum stoloniferum</i> (tuber).....	do.....	2			Calif.
†Tobacco mosaic virus:					
<i>Lycopersicon esculentum</i> (tomato) plant.....	Venezuela.....	1			D.C.
Tobacco ring spot virus:					
<i>Citrullus vulgaris</i> (watermelon).....	Mexico.....	4			Ariz.
† <i>Trichocladium asperum</i> Harz:					
<i>Solanum tuberosum</i> (potato).....	Japan.....		1		Calif.*
† <i>Tylenchorhynchus acti</i> Hopper:					
Soil with cactus plant.....	Mexico.....			1	Tex.
<i>Tylenchorhynchus capitatus</i> M. W. Allen:					
Soil with <i>Begonia</i> sp.....	do.....			1	Ariz.
Soil with <i>Cymbopogon citratus</i> (lemongrass).....	do.....			1	Ariz.
Soil with <i>Tradescantia</i> sp.....	do.....			1	Ariz.
† <i>Tylenchorhynchus claytoni</i> Steiner:					
Soil with <i>Asparagus sprengeri</i>	Italy.....			1	N.Y.
† <i>Tylenchorhynchus dubius</i> (Bütschli) Filip.:					
Soil with <i>Convallaria majalis</i>	England.....			1	Mass.
† <i>Typhula itoana</i> Imai:					
<i>Hordeum</i> sp. (barley) straw jacket.....	Japan.....		1		N.Y.
<i>Uredo behnickiana</i> P. Henn.:					
<i>Dendrobium nobile</i> (orchid) leaf.....	Unknown.....			1	Fla.
<i>Epidendrum cochleatum</i> (orchid) leaf.....	†Honduras.....			1	Fla.
<i>E. fragrans</i> (leaf).....	do.....			1	Fla.
<i>E. mariae</i> (leaf).....	Mexico.....			1	Tex.
<i>Epidendrum</i> sp.....	Costa Rica, Mexico.....			2	Calif., * Tex.
<i>Laelia anceps</i> (orchid).....	Mexico.....			8	Tex.
<i>L. superbiens</i> (leaf).....	Jamaica.....			1	Fla.
<i>Maxillaria coccinea</i> (orchid) leaf.....	do.....			1	Fla.
<i>Oncidium cebolleta</i> (orchid).....	Mexico.....			1	Tex.
<i>O. varicosum</i> var. <i>rogersii</i> (leaf).....	Brazil.....			2	Fla.
<i>Oncidium</i> sp. (leaf).....	do.....			2	Fla.
Orchid (leaf).....	Costa Rica, †Ecuador.....			2	Calif., * Fla.
<i>Uredo epidendri</i> P. Henn.:					
Orchid (leaf).....	Venezuela.....			1	Calif.*
<i>Uredo guacae</i> Mayor:					
<i>Calasetum</i> sp. (orchid) leaf.....	Peru.....			1	Fla.
<i>Humiteya burtti</i> (orchid) leaf.....	Costa Rica.....			1	Fla.
<i>Oncidium pusillum</i> (orchid) leaf.....	Peru.....			1	Fla.
<i>O. variegatum</i> (leaf).....	do.....			1	Fla.
Orchid.....	Canal Zone, Jamaica.....			2	Calif., * Fla.
<i>Polystachya</i> sp. (orchid) leaf.....	Panama.....			1	Fla.
<i>Stanhopea</i> sp. (orchid) leaf.....	Honduras, Peru.....			2	Fla.
<i>Zygopetalum wendlandi</i> (orchid) leaf.....	Costa Rica.....			1	P.R.
† <i>Uredo neopustulata</i> Cumm.:					
<i>Stenorynchus</i> sp. (hardy terrestrial orchid).....	Jamaica.....			1	Fla.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Uredo nidularii</i> P. Henn.: Bromeliad (leaf).....	†Colombia, Costa Rica. Mexico, †Panama.....	-----	-----	3	Fla.
<i>Tillandsia</i> sp. (leaf).....	-----	-----	-----	2	Fla., Tex.
<i>Uredo nigropuncta</i> P. Henn.: Catasetum sp. (orchid).....	†Peru.....	-----	-----	1	Fla.
<i>Epidendrum nocturnum</i> (orchid) leaf.....	Jamaica.....	-----	-----	1	N.Y.
<i>E. varicosum</i> (leaf).....	do.....	-----	-----	1	Fla.
<i>E. verrucosum</i> (leaf).....	do.....	-----	-----	1	N.Y.
<i>Uredo oncidii</i> P. Henn.: Diacrium bilamellatum (orchid) leaf.....	Canal Zone.....	-----	-----	1	Fla.
<i>Oncidium luridum</i> (orchid) leaf.....	Jamaica.....	-----	-----	1	Fla.
<i>O. splendidum</i> (leaf).....	Honduras.....	-----	-----	2	Fla.
<i>O. stramineum</i> (leaf).....	Mexico.....	-----	-----	1	Tex.
<i>Oncidium</i> sp. (leaf).....	British Honduras, Honduras, Jamaica, Peru. Honduras.....	-----	-----	7	Fla.
Orchid (leaf).....	Ecuador.....	-----	-----	1	Fla.
<i>Zygopetalum</i> sp. (orchid) leaf.....	-----	-----	-----	1	Fla.
<i>Uromyces alyziae</i> Arth.: <i>Alyxia olivaeformis</i> (maile alyxia).....	Hawaii.....	1	-----	-----	Calif.*
† <i>Uromyces betae</i> Kickx: <i>Beta vulgaris</i> var. <i>cicla</i> (Swiss chard).....	England.....	-----	1	-----	N.Y.
<i>Uromyces dolicholii</i> Arth.: <i>Cajanus cajan</i> (pigeonpea) leaf.....	Puerto Rico.....	-----	1	-----	P.R.
<i>Uromyces fabae</i> (Grev.) Cke.: <i>Lens culinaris</i> (lentil).....	Chile.....	1	-----	1	Fla., Wash.
<i>Uromyces junci</i> (Desm.) Tul.: <i>Juncus glaucus</i> (rush).....	Greece.....	1	-----	-----	N.Y.
<i>Uromyces lespedezae-procumbentis</i> (Schw.) Curt.: <i>Lespedeza formosa</i> (seed pod).....	Japan.....	-----	-----	1	Calif.*
<i>L. thunbergii</i> (seed pod).....	do.....	-----	-----	1	Calif.*
<i>Xanthomonas citri</i> (Hase) Dowson: <i>Citrus aurantifolia</i> (lime).....	† Afghanistan, Guam, Hong Kong, India, Indonesia, Japan, Thailand, unknown. Japan.....	6	15	-----	Hawaii, La., N.Y., N.C.
<i>C. aurantium</i> (sour orange).....	-----	-----	21	-----	Calif.,* La., Md., Pa., Tex. Wash.
<i>C. aurantium</i> X <i>C. reticulata</i> (citrus hybrid).....	do.....	-----	2	-----	N.Y.
<i>C. grandis</i> (pummelo) leaf and peel.....	Hong Kong, Thailand. Japan.....	1	1	-----	Hawaii, N.Y.
<i>C. ichangensis</i> var. ("yuzu").....	do.....	-----	1	-----	Pa.
<i>C. ichangensis</i> X <i>C. reticulata</i> (ichandarin).....	do.....	-----	1	-----	Calif.*
<i>C. limon</i> (lemon).....	Federation of Malaya, Formosa, Japan.....	-----	25	-----	Calif.,* Hawaii, La., N.Y., Oreg., Pa., S.C., Wash.
<i>C. paradisi</i> (grapefruit).....	China, Japan, Thailand. Japan.....	2	7	-----	Calif.,* Fla., Hawaii, N.C., Pa., Wash.
<i>C. paradisi</i> X <i>C. reticulata</i> (tangelo).....	Japan.....	-----	1	-----	La.
<i>C. reticulata</i> (Mandarin orange) dried peel and fruit.....	China, Formosa, Hong Kong, Japan. Japan.....	12	10	-----	Calif.,* Fla., Hawaii, Ill., N.Y., Tex., Wash.
<i>C. reticulata</i> X <i>C. sinensis</i> (tangor) leaf.....	Japan.....	-----	1	-----	Wash.
<i>C. sinensis</i> (sweet orange) dried peel and fruit.....	China, Hong Kong, Japan, Thailand, unknown. Japan.....	28	129	-----	Ala., Calif.,* Fla., Hawaii, Ill., Md., Mass., Minn., N.Y., N.C., Ohio, Oreg., Pa., Wash.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Xanthomonas citri</i> (Hasse) Dowson—Continued <i>Citrus</i> sp. (dried peel and fruit).....	China, Hong Kong, Japan, unknown.	6	2	-----	Hawaii, Ill., La., Mass., Tex., Wash.
† <i>Xanthomonas hederae</i> (Arn.) Dowson: <i>Hedera</i> sp. (ivy) leaf.....	England.....	-----	3	-----	Mass.
<i>Xanthomonas</i> sp. (Cancrosis B): <i>Citrus limon</i> (lemon).....	Argentina, unknown, Uruguay.	-----	15	-----	N.Y., Pa., Tex.
<i>C. reticulata</i> (Mandarin orange).....	Argentina.....	1	-----	-----	Fla.
<i>C. sinensis</i> (sweet orange).....	Brazil.....	-----	1	-----	Calif.*

An asterisk (*) indicates State inspection.

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates a first interception by Division inspectors.

Hosts and Diseases

- ACACIA:
†*Nectria infusaria* (Ascomycetes)
- ACER:
†*Pseudolachnea bubakii* (Deuteromycetes)
†*Rhytisma acerinum* (Ascomycetes)
†*R. punctatum* (Ascomycetes)
- ACHIMENES:
†*Meloidogyne arenaria* (Nematoda)
†*M. hapla* (Nematoda)
- ACONITUM:
†*Meloidogyne arenaria* (Nematoda)
†*M. hapla* (Nematoda)
- AGAPANTHUS:
†*Meloidogyne arenaria* (Nematoda)
- AGASTACHE:
†*Meloidogyne hapla* (Nematoda)
- AGAVE:
†*Coniothyria agaves* (Deuteromycetes)
†*Meloidogyne javanica* (Nematoda)
†*Stomatogone agaves* (Ascomycetes)
- ALBIZZIA:
†*Sphaerophragmium acaciae* (Promycetes)
- ALLIUM CEPA:
†*Ditylenchus dipsaci* (Nematoda)
†*Mycosphaerella schoenoprasii* (Ascomycetes)
- ALLIUM FISTULOSUM:
†*Mycosphaerella schoenoprasii* (Ascomycetes)
- ALLIUM PORRUM:
†*Mycosphaerella schoenoprasii* (Ascomycetes)
- ALLIUM SATIVUM:
†*Ditylenchus dipsaci* (Nematoda)
- ALOCASIA:
†*Meloidogyne incognita* (Nematoda)
†*M. incognita acrita* (Nematoda)
- ALYXIA:
†*Uromyces alyxiae* (Promycetes)
- AMARYLLIS:
†*Scutellonema brachyurum* (Nematoda)
- ANDROPOGON:
†*Meloidogyne incognita acrita* (Nematoda)
- ANTHURIUM:
†*Meloidogyne incognita* (Nematoda)
†*Phyllachora engleri* (Ascomycetes)
†*Radopholus similis* (Nematoda)
†*Septoria minimum* (Deuteromycetes)
- ARAUCARIA:
†*Cryptospora longispora* (Ascomycetes)
†*Macrophoma araucariae* (Deuteromycetes)
- ARMORACIA:
†*Ascochyta armoraciae* (Deuteromycetes)
- ARUM:
†*Meloidogyne javanica* (Nematoda)
- ARUNDINARIA:
†*Steganosporium follicolum* (Deuteromycetes)
- ASTER:
†*Meloidogyne hapla* (Nematoda)
- ASTILBE:
†*Meloidogyne incognita acrita* (Nematoda)
- BAMBUSA:
†*Papularia vinosa* (Deuteromycetes)
- BEGONIA:
†*Meloidogyne arenaria* (Nematoda)
†*M. incognita* (Nematoda)
- BETA:
†*Meloidogyne incognita* (Nematoda)
†*Uromyces betae* (Promycetes)
- BLETILLA:
†*Aphelenchoides fragariae* (Nematoda)
- BORASSUS:
†*Graphiola borassi* (Promycetes)
- BROMELIAD:
†*Phyllosticta bromeliae* (Deuteromycetes)
†*Uredo nidularii* (Promycetes)
- BUXUS:
†*Dothidea depazeoides* (Ascomycetes)
†*Puccinia buxi* (Promycetes)
- CACTUS:
†*Meloidogyne arenaria* (Nematoda)
†*M. incognita* (Nematoda)
- CAJANUS:
†*Uromyces dolicholi* (Promycetes)
- CALADIUM:
†*Meloidogyne arenaria* (Nematoda)
†*M. arenaria arenaria* (Nematoda)
- M. incognita* (Nematoda)
†*M. incognita acrita* (Nematoda)
- CAMELLIA:
†*Diaporthe camelliae* (Ascomycetes)
- CANNA:
†*Meloidogyne incognita acrita* (Nematoda)
- CAPSICUM:
†*Meloidogyne incognita* (Nematoda)
- CARTHAMUS:
†*Puccinia carthami* (Promycetes)
- CARYOPTERIS:
†*Meloidogyne javanica* (Nematoda)
- CASTANEA:
†*Cylindrosporium castaneae* (Deuteromycetes)
- CATASETUM:
†*Sphenospora kewickianii* (Promycetes)
†*S. mera* (Promycetes)
†*Uredo guacae* (Promycetes)
†*U. nigropuncta* (Promycetes)
- CATTLEYA:
†*Myriocopron corrientinum* (Deuteromycetes)
- CEDRELA:
†*Phomopsis cedrelae* (Deuteromycetes)
- CEPHALOCEREUS:
†*Pyrenochaeta spinicola* (Deuteromycetes)
- CHAMAEDOREA:
†*Dendrodochium rubellum* (Deuteromycetes)
- CHRYSANTHEMUM:
†*Meloidogyne hapla* (Nematoda)
†*Puccinia horiana* (Promycetes)
†*Septoria leucanthemi* (Deuteromycetes)
- CIRSIUM:
†*Meloidogyne javanica* (Nematoda)
- CITRULLUS:
†*Tobacco ring spot virus* (Virus)
- CITRUS AURANTIFOLIA:
†*Coniella diplodiella* (Deuteromycetes)
†*Elsinoe australis* (Ascomycetes)
†*Guignardia (Phoma) citricarpa* (Ascomycetes)
†*Xanthomonas citri* (Schizomycetes)
- CITRUS AURANTIUM:
†*Ascochyta citri* (Deuteromycetes)
†*Guignardia (Phoma) citricarpa* (Ascomycetes)
†*Xanthomonas citri* (Schizomycetes)
- CITRUS AURANTIUM X C. RETICULATA:
†*Xanthomonas citri* (Schizomycetes)
- CITRUS GRANDIS:
†*Ascochyta citri* (Deuteromycetes)
†*Guignardia (Phoma) citricarpa* (Ascomycetes)
†*Xanthomonas citri* (Schizomycetes)
- CITRUS ICHANGENSIS VAR.:
†*Xanthomonas citri* (Schizomycetes)
- CITRUS ICHANGENSIS X C. RETICULATA:
†*Xanthomonas citri* (Schizomycetes)
- CITRUS LIMON:
†*Ascochyta citri* (Deuteromycetes)
†*Elsinoe australis* (Ascomycetes)
†*Guignardia (Phoma) citricarpa* (Ascomycetes)
†*Septoria citri* (Deuteromycetes)
†*S. limonum* (Deuteromycetes)
†*Sphaceloma fauvelletii* var. *scabiosa* (Deuteromycetes)
†*Xanthomonas citri* (Schizomycetes)
†*Xanthomonas* sp. (Cancrosis B) (Schizomycetes)
- CITRUS PARADISI:
†*Elsinoe australis* (Ascomycetes)
†*Guignardia (Phoma) citricarpa* (Ascomycetes)
†*Xanthomonas citri* (Schizomycetes)
- CITRUS PARADISI X C. RETICULATA:
†*Guignardia (Phoma) citricarpa* (Ascomycetes)
†*Xanthomonas citri* (Schizomycetes)
- CITRUS RETICULATA:
†*Coniothecium scabrum* (Deuteromycetes)
†*Elsinoe australis* (Ascomycetes)
†*"Greasy spot"*
†*Guignardia (Phoma) citricarpa* (Ascomycetes)
†*Septoria citri* (Deuteromycetes)
†*Xanthomonas citri* (Schizomycetes)
†*Xanthomonas* sp. (Cancrosis B) (Schizomycetes)
- CITRUS RETICULATA HYBRID:
†*Elsinoe australis* (Ascomycetes)
- CITRUS RETICULATA X C. SINENSIS:
†*Elsinoe australis* (Ascomycetes)
†*Xanthomonas citri* (Schizomycetes)

See footnotes at end of the list.

Hosts and Diseases—Continued

CITRUS SINENSIS:

- Elsinoe australis* (Ascomycetes)
- †“Greasy spot”
- †*Guignardia* (*Phoma*) *citricarpa* (Ascomycetes)
- Septoria citri* (Deuteromycetes)
- Xanthomonas citri* (Schizomycetes)
- Xanthomonas* sp. (Cancrosis B) (Schizomycetes)

CITRUS SP.:

- Guignardia* (*Phoma*) *citricarpa* (Ascomycetes)
- Xanthomonas citri* (Schizomycetes)

CLEMATIS:

- †*Meloidogyne hapla* (Nematoda)
- †*Phoma demissa* (Deuteromycetes)
- †*Pratylenchus penetrans* (Nematoda)

COCHLIODA:

- †*Sphenospora kevorkianii* (Promycetes)

COCOS:

- †*Diplodia coccocarpa* (Deuteromycetes)

COLCHICUM:

- Ditylenchus destructor* (Nematoda)

COLEUS:

- Meloidogyne incognita* (Nematoda)

COLOCASIA:

- Meloidogyne incognita* (Nematoda)

CORDYLINE:

- Meloidogyne incognita* (Nematoda)

CRASSULA:

- Scutellonema brachyurum* (Nematoda)

CUPHEA:

- †*Cercospora cupheae* (Deuteromycetes)

CYCNOCHES:

- †*Sphenospora mera* (Promycetes)

CYRTOPODIUM:

- Sphenospora kevorkianii* (Promycetes)

DAHLIA:

- Corynebacterium fascians* (Schizomycetes)
- Meloidogyne arenaria thamesi* (Nematoda)
- †*Pratylenchus coffeae* (Nematoda)

DAUCUS:

- Meloidogyne incognita* (Nematoda)

DELPHINIUM:

- Meloidogyne hapla* (Nematoda)

DENDROBIUM:

- Phyllostictina pyriformis* (Deuteromycetes)
- †*Uredo behnickiana* (Promycetes)

DIACRIUM:

- Uredo oncidii* (Promycetes)

DIEFFENBACHIA:

- Meloidogyne incognita* (Nematoda)

DIOSCOREA:

- Meloidogyne arenaria* (Nematoda)
- M. javanica* (Nematoda)
- †*Pratylenchus coffeae* (Nematoda)
- Scutellonema bradys* (Nematoda)

DRACAENA:

- Meloidogyne javanica* (Nematoda)

ECHEVERIA:

- Meloidogyne incognita* (Nematoda)

ELYMUS:

- †*Phyllachora graminis* (Ascomycetes)

EPIDENDRUM:

- Cercospora angraei* (Deuteromycetes)
- †*Ophiostoma orchidearum* (Ascomycetes)
- †*Sphenospora kevorkianii* (Promycetes)
- †*S. saphena* (Promycetes)
- †*Uredo behnickiana* (Promycetes)
- U. nigropuncta* (Promycetes)

EPIPHYLLUM:

- Meloidogyne incognita* (Nematoda)

ERYTHRINA:

- †*Cercospora erythrinae* (Deuteromycetes)

EUPHORBIA:

- Meloidogyne incognita acrita* (Nematoda)
- M. javanica* (Nematoda)

FAGRAEA:

- †*Meloidogyne incognita acrita* (Nematoda)

FICUS:

- †*Cerotelium fici* (Promycetes)
- Meloidogyne incognita acrita* (Nematoda)
- †*Phyltaena ficuum* (Deuteromycetes)
- †*Scutellonema brachyurum* (Nematoda)

FORTUNELLA(?):

- Guignardia* (*Phoma*) *citricarpa* (Ascomycetes)

FRAGARIA:

- †*Marssonina fragariae* (Deuteromycetes)
- †*Meloidogyne hapla* (Nematoda)
- M. javanica* (Nematoda)
- †*Mycosphaella fragariae* (Ascomycetes)

FRAXINUS:

- †*Ipsochora samarae* (Ascomycetes)

GARDENIA:

- Meloidogyne incognita* (Nematoda)
- M. incognita acrita* (Nematoda)

GERBERIA:

- †*Meloidogyne hapla* (Nematoda)
- M. javanica* (Nematoda)

GEUM:

- Meloidogyne hapla* (Nematoda)

GLADIOLUS:

- Ditylenchus destructor* (Nematoda)
- Meloidogyne arenaria thamesi* (Nematoda)
- M. incognita* (Nematoda)
- M. incognita acrita* (Nematoda)
- M. javanica* (Nematoda)

GOSSYPIUM:

- †*Phakopsora gossypii* (Promycetes)

GYPSOPHYLLA:

- Meloidogyne incognita* (Nematoda)

HEBE:

- †*Septoria exotica* (Deuteromycetes)

HEDERA:

- Cryptocline paradoxa* (Deuteromycetes)
- Phyllosticta hedericola* (Deuteromycetes)
- †*Xanthomonas hederace* (Schizomycetes)

HEDYCHUM:

- †*Meloidogyne arenaria* (Nematoda)

HELICONIA:

- †*Meloidogyne incognita* (Nematoda)

HEPATICA:

- Meloidogyne hapla* (Nematoda)

HIBISCUS:

- †*Meloidogyne javanica javanica* (Nematoda)

HORDEUM:

- †*Typhula itoana* (Basidiomycetes)

HOSTA:

- Meloidogyne arenaria thamesi* (Nematoda)
- M. incognita* (Nematoda)

HUNTLEYA:

- Uredo guacae* (Promycetes)

ILEX:

- †*Rhytisma ilicis-latifoliae* (Ascomycetes)

IONOPSIS:

- Sphenospora kevorkianii* (Promycetes)
- †*S. mera* (Promycetes)
- S. saphena* (Promycetes)

IPOMOEA:

- †*Meloidogyne incognita* (Nematoda)
- M. incognita acrita* (Nematoda)

IRIS:

- Meloidogyne javanica* (Nematoda)
- †*M. javanica javanica* (Nematoda)
- †*Puccinia iridis* (Promycetes)

IXORA:

- †*Meloidogyne javanica javanica* (Nematoda)

JASMINUM:

- †*Puccinia abyssinica* (Promycetes)

JATROPHA:

- Phakopsora jatrophiicola* (Promycetes)

JUNCUS:

- Uromyces junci* (Promycetes)

JUNIPERUS:

- G. haraeianum* (Promycetes)
- †*Lophodermium juniperinum* (Ascomycetes)

KAEMPFERIA:

- Meloidogyne incognita* (Nematoda)

LABURNUM:

- Coniothyrium cytiselum* (Deuteromycetes)

LACTUCA:

- †*Meloidogyne arenaria* (Nematoda)
- †*M. incognita acrita* (Nematoda)

LAELIA:

- Phyllostictina pyriformis* (Deuteromycetes)
- Uredo behnickiana* (Promycetes)

LENS:

- Uromyces fabae* (Promycetes)

Hosts and Diseases—Continued

- LESPÉDEZA:**
Uromyces lespedezae-procumbentis (Promycetes)
LIGULARIA:
Pratylenchus penetrans (Nematoda)
LONICERA:
Meloidogyne incognita (Nematoda)
LYCOPERSICON:
Meloidogyne incognita incognita (Nematoda)
Tobacco mosaic virus (Virus)
MACROZAMIA:
Dothiorella pericarpica (Deuteromycetes)
MAHONIA:
Cumminsia mirabilissima (Promycetes)
MALUS:
Dendrophoma pulvis-pyrus (Deuteromycetes)
Elisinoe piri (Ascomycetes)
Monilinia fructigena (Ascomycetes)
Pratylenchus scribneri (Nematoda)
MANGIFERA:
Elisinoe mangiferae (Ascomycetes)
MAXILLARIA:
Uredo behnickiana (Promycetes)
MILTONIA:
Sphenospora kevorkianii (Promycetes)
S. mera (Promycetes)
MUSA:
Macrophoma musae (Deuteromycetes)
NARCISSUS:
Aphelenchoides subtenuis (Nematoda)
Ditylenchus dipsaci (Nematoda)
NOTYLLIA:
Sphenospora kevorkianii (Promycetes)
ODONTOGLOSSUM:
Ophioidothella orchidearum (Ascomycetes)
OENOTHERA:
Meloidogyne hapla (Nematoda)
OLEA:
Macrophoma dalmatica (Deuteromycetes)
ONCIDIUM:
Myiocopron corrientinum (Deuteromycetes)
Sphenospora kevorkianii (Promycetes)
S. saphena (Promycetes)
Uredo behnickiana (Promycetes)
U. guacae (Promycetes)
U. oncidii (Promycetes)
ORCHID:
Cercospora odontoglossi (Deuteromycetes)
Chaetopeltopsis tenuissima (Ascomycetes)
Ophioidothella orchidearum (Ascomycetes)
Phyllostictina pyriformis (Deuteromycetes)
Sphenospora kevorkianii (Promycetes)
S. mera (Promycetes)
Uredo behnickiana (Promycetes)
U. epidendri (Promycetes)
U. guacae (Promycetes)
U. oncidii (Promycetes)
ORNITHOCEPHALUS:
Sphenospora kevorkianii (Promycetes)
ORNITHOGALUM:
Didymella ornithogali (Ascomycetes)
Meloidogyne incognita (Nematoda)
M. javanica (Nematoda)
Puccinia ornithogali-thyrsoides (Promycetes)
ORYZA:
Diplodia oryzae (Deuteromycetes)
Neovossia horrida (Promycetes)
Septoria oryzae (Deuteromycetes)
PALM:
Mycosphaerella palmarum (Ascomycetes)
Stigmata palmiorum (Deuteromycetes)
PARKINSONIA:
Phyllosticta parkinsoniae (Deuteromycetes)
PELARGONIUM:
Coniothyrium trabutii (Deuteromycetes)
Meloidogyne hapla (Nematoda)
PEPEROMIA:
Meloidogyne arenaria (Nematoda)
PETROSELINUM:
Meloidogyne incognita (Nematoda)
PHASEOLUS:
Elisinoe phaseoli (Ascomycetes)
Phyllosticta phaseolina (Deuteromycetes)
PHRAGMITES:
Lophodermium arundinaceum (Ascomycetes)
- Pleospora microspora* (Ascomycetes)
PICEA:
Lophodermium piceae (Ascomycetes)
PINUS:
Mycosphaerella acicola (Ascomycetes)
POLYANTHES:
Meloidogyne incognita (Nematoda)
M. javanica (Nematoda)
POLYGONUM:
Puccinia polygoni-amphibii (Promycetes)
POLYSTACHYA:
Uredo guacae (Promycetes)
POPULUS:
Cercospora populina (Deuteromycetes)
POTENTILLA:
Meloidogyne hapla (Nematoda)
PROTEA:
Leptosphaeria protearum (Ascomycetes)
Phaeosphaerella senniana (Ascomycetes)
PRUNUS:
Monilinia fructigena (Ascomycetes)
PTEROCARPUS:
Myiocopron pereirae (Deuteromycetes)
PUNICA:
Cercospora punicae (Deuteromycetes)
Cytospora punica (Deuteromycetes)
Phaeosphaerella punicae (Deuteromycetes)
PYRETHRUM:
Meloidogyne hapla (Nematoda)
PYRUS:
Septoria piricola (Deuteromycetes)
QUERCUS:
Cronartium quercuum (Promycetes)
Dothiorella phomiformis (Deuteromycetes)
RAVENALA:
Meloidogyne incognita (Nematoda)
RHODODENDRON:
Chrysomyxa ledi var. *rhododendri* (Promycetes)
RHYNCHOSTYLIS:
Phyllosticta pyriformis (Deuteromycetes)
RIBES:
Cronartium ribicola (Promycetes)
RODRIGUEZIA:
Sphenospora kevorkianii (Promycetes)
ROSA:
Rose mosaic—yellow type (Virus)
Phaeosphaerella rosarum (Deuteromycetes)
RUBUS:
Kuehneola uredinis (Promycetes)
RUSCUS:
Phyllosticta ruscicola (Deuteromycetes)
SALIX:
Cytospora translucens (Deuteromycetes)
Diplodia salicis (Deuteromycetes)
SANSEVIERIA:
Meloidogyne incognita (Nematoda)
SASA:
Puccinia longicornis (Promycetes)
SEDUM:
Meloidogyne incognita acrita (Nematoda)
SIMMONDSIA:
Strumella simmondsiae (Deuteromycetes)
SOIL:
Criconea celerum (Nematoda)
Criconeoides curvatum (Nematoda)
C. mutabile (Nematoda)
C. peruense (Nematoda)
Helicotylenchus buzophilus (Nematoda)
H. dihystra (Nematoda)
H. nannus (Nematoda)
Heterodera avenae (Nematoda)
H. cacti (Nematoda)
H. humuli (Nematoda)
H. punctata (Nematoda)
H. rostochiensis (Nematoda)
Pratylenchus coffeae (Nematoda)
Rotylenchus robustus (Nematoda)
Scutellonema brachyurum (Nematoda)
Tylenchorhynchus acti (Nematoda)
T. capitatus (Nematoda)
T. claytoni (Nematoda)
T. dubius (Nematoda)
SOLANUM STOLONIFERUM:
Thecaphora solani (Promycetes)

See footnotes at end of this list.

Hosts and Diseases—Continued

SOLANUM TUBEROSUM:	TRICYRTIS:
† <i>Meloidogyne arenaria</i> (Nematoda)	† <i>Pratylenchus penetrans</i> (Nematoda)
† <i>M. arenaria thamesi</i> (Nematoda)	TRITICUM:
† <i>M. incognita</i> (Nematoda)	† <i>Leptosphaeria eustomoides</i> (Ascomycetes)
† <i>M. incognita acrita</i> (Nematoda)	ULMUS:
† <i>Trichocladium asperum</i> (Deuteromycetes)	† <i>Meloidogyne arenaria</i> (Nematoda)
SOLANUM CV.:	VANDA:
† <i>Meloidogyne incognita</i> (Nematoda)	† <i>Phyllostictina pyriformis</i> (Deuteromycetes)
SORBUS:	VIBURNUM:
† <i>Gymnosporangium cornutum</i> (Promycetes)	† <i>Meloidogyne hapla</i> (Nematoda)
SORGHUM:	† <i>M. javanica</i> (Nematoda)
† <i>Sphacelotheca reiliana</i> (Promycetes)	VITIS:
SPONDIAS:	† <i>Elsinoe ampelina</i> (Ascomycetes)
† <i>Chaetopeltopsis tenuissima</i> (Ascomycetes)	YUCCA:
† <i>Sphaceloma spondiadis</i> (?) (Deuteromycetes)	† <i>Strickeria obducens</i> (Ascomycetes)
STACHYTARPIETA:	ZANTEDESCHIA:
† <i>Puccinia urbaniana</i> (Promycetes)	† <i>Meloidogyne incognita</i> (Nematoda)
STANTHOPEA:	† <i>M. incognita acrita</i> (Nematoda)
† <i>Cercospora angræci</i> (Deuteromycetes)	† <i>M. javanica</i> (Nematoda)
† <i>Phyllostictina pyriformis</i> (Deuteromycetes)	ZEBRINA:
† <i>Uredo guacae</i> (Promycetes)	† <i>Meloidogyne incognita</i> (Nematoda)
STENORYNCHUS:	ZELKOVA:
† <i>Uredo neopustulata</i> (Promycetes)	† <i>Fusarium lartarum</i> (Deuteromycetes)
TAXODIUM:	ZINGIBER:
† <i>Mycosphaerella toxodii</i> (Ascomycetes)	† <i>Meloidogyne arenaria</i> (Nematoda)
TEGOMA:	† <i>M. incognita acrita</i> (Nematoda)
† <i>Prospodium appendiculatum</i> (Promycetes)	† <i>M. javanica</i> (Nematoda)
TEUCRIUM:	† <i>M. javanica japonica</i> (Nematoda)
† <i>Meloidogyne hapla</i> (Nematoda)	† <i>Radopholus similis</i> (Nematoda)
THUJA:	ZINNIA:
† <i>Didymascella (Keithia) thujina</i> (Ascomycetes)	† <i>Alternaria zinniae</i> (Deuteromycetes)
TILLANDSIA:	ZYGOPETALUM:
† <i>Uredo nidularii</i> (Promycetes)	† <i>Uredo guacae</i> (Promycetes)
	† <i>U. oncidii</i> (Promycetes)

Hosts Unknown

GRASS:	† <i>P. ultimum</i> (Phycomycetes)
† <i>Phyllachora graminis</i> (Ascomycetes)	SUCCULENT:
ROOTS:	† <i>Meloidogyne arenaria</i> (Nematoda)
† <i>Pythium intermedium</i> (Phycomycetes)	WOOD:
† <i>P. mamillatum</i> (Phycomycetes)	† <i>Hypoxyylon marginatum</i> (Ascomycetes)
† <i>P. salpingophorum</i> (Phycomycetes)	

A dagger (†) indicates a first interception from the country of origin.

A double dagger (‡) indicates a first interception by Division inspectors.

Countries of Origin and Diseases

AFGHANISTAN:

†*Xanthomonas citri*

ANTIGUA:

†*Sphenospora kevorkianii*

ARGENTINA:

†*Criconeimoides curvatum*†*Elsinoe australis*†*Guignardia* (*Phoma*) *citricarpa*†*Helicotylenchus dihystra*†*Heterodera punctata*†*Meloidogyne arenaria*†*Xanthomonas* sp. (Cancrosis B)

ASIA (country(?)):

†*Guignardia* (*Phoma*) *citricarpa*

AUSTRALIA:

†*Cryptospora longispora*†*Dothiorella pericarpa*†*Guignardia* (*Phoma*) *citricarpa*†*Macrophoma araucariae*†*Pratylenchus coffeae*†*Sphaceloma fawcettii* var. *scabiosa*

AUSTRIA:

†*Chrysomyxa ledi* var. *rhododendri*†*Heterodera avenae*†*H. cacti*

AZORES:

†*Helicotylenchus dihystra*†*Heterodera avenae*†*Meloidogyne incognita acrita*†*Rotylenchus robustus*

BAHAMAS:

†*Cercospora angraci*†*Mycosphaerella palmae*†*Sphaerophragmium acaciae*

BAHAMAS (?):

†*Sphenospora kevorkianii*

BELGIUM:

†*Heterodera cacti*†*H. punctata*

BERMUDA:

†*Puccinia iridis*

BRAZIL:

†*Elsinoe australis*†*Guignardia* (*Phoma*) *citricarpa*†*Helicotylenchus dihystra*†*Meloidogyne arenaria*†*M. incognita*†*Myiocypron pereirae*†*Scutellonema brachyurum*†*Sphenospora kevorkianii*†*Uredo behnickiana*†*Xanthomonas* sp. (Cancrosis B)

BRITISH HONDURAS:

†*Myiocypron corrientinum*†*Sphenospora kevorkianii*†*Uredo oncidii*

CANADA:

†*Alternaria zinniae*†*Cronartium ribicola*†*Didymascella* (*Kiethia*) *thujina*†*Mycosphaerella fragariae*†*Pratylenchus scribneri*

CANAL ZONE:

†*Cercospora angraci*†*Meloidogyne javanica javanica*†*Nectria infusaria*†*Sphenospora kevorkianii*†*S. mera*†*Uredo guacae*†*U. oncidii*

CANARY ISLANDS:

†*Heterodera avenae*

CHILE:

†*Meloidogyne incognita acrita*

CHINA:

†*Guignardia* (*Phoma*) *citricarpa*†*Uromyces fabae*†*Xanthomonas citri*

COLOMBIA:

†*Rose mosaic—yellow type*†*Sphenospora kevorkianii*†*Uredo nidularii*

COSTA RICA:

†*Heterodera cacti*†*Meloidogyne javanica*†*Ophiodothella orchidearum*†*Sphenospora kevorkianii*†*Uredo behnickiana*†*U. guacae*†*U. nidularii*

CUBA:

†*Meloidogyne incognita*†*M. javanica*†*Scutellonema bradyi*

CZECHOSLOVAKIA:

†*Lophodermium arundinaceum*

DENMARK:

†*Diplodina salicis*†*Heterodera rostochiensis*†*Phyllachora graminis*

DOMINICA:

†*Phomopsis cedrelae*

DOMINICAN REPUBLIC:

†*Cerotelium fici*†*Elsinoe mangiferae*†*Meloidogyne incognita*†*Phakopsora jatrophae*†*Sphaceloma puniceae*†*Sphenospora sapahena*

ECUADOR:

†*Meloidogyne incognita*†*Sphenospora kevorkianii*†*Uredo behnickiana*†*U. oncidii*

ENGLAND:

†*Chrysomyxa ledi* var. *rhododendri*†*Diitylenchus dipsaci*†*Helicotylenchus dihystra*†*Heterodera avenae*†*H. cacti*†*H. punctata*†*H. rostochiensis*†*Lophodermium juniperinum*†*Meloidogyne hapla*†*Meloidogyne javanica*†*Phyllosticta hedericola*†*Puccinia buxi*†*Septoria leucanthemi*†*Sphaceloma rosarium*†*Sphenospora kevorkianii*†*Tylenchorhynchus dubius*†*Uromyces betae*†*Xanthomonas hederae*

ETHIOPIA:

†*Puccinia abyssinica*†*Steganosporium foliicola*

FEDERATION OF MALAYA:

†*Guignardia* (*Phoma*) *citricarpa*†*Xanthomonas citri*

FINLAND:

†*Gymnosporangium cornutum*

FORMOSA:

†*Ascochyta citri*†*Guignardia* (*Phoma*) *citricarpa*†*Xanthomonas citri*

FRANCE:

†*Cumminsia mirabilissima*†*Heterodera avenae*†*H. cacti*†*H. rostochiensis*†*Kuehneola uredinis*†*Meloidogyne hapla*†*Meloidogyne javanica*†*Monilinia fructigena*†*Phoma demissa*†*Rhytisma acerinum*†*R. punctatum*†*Septoria leucanthemi*†*S. minimum*

GERMANY:

†*Ascochyta armoraciae*†*Chrysomyxa ledi* var. *rhododendri*†*Elsinoe ampelina*†*Heterodera avenae*†*H. cacti*†*H. humuli*

See footnotes at end of this list.

Countries of Origin and Diseases—Continued

GERMANY—Continued

H. punctata
H. rostochiensis
Lophodermium arundinaceum
Meloidogyne hapla
†*M. javanica*
Monilinia fructigena
Mycosphaerella fragariae
Puccinia buxi
Rotylenchus robustus
Sphaceloma rosarum

GREECE:

†*Puccinia carthami*
Oromyces junci

GREECE(?):

†*Septoria erotica*

GUADELOUPE:

†“Greasy spot”

GUAM:

Xanthomonas citri

GUATEMALA:

Meloidogyne arenaria
†*M. arenaria arenaria*
†*M. incognita acrita*
Phyllostictina pyriformis
†*Scutellonema brachyurum*
†*Sphenospora kevorkianii*
†*S. mera*

HAITI:

†*Phakopsora gossypii*
†*Puccinia iridis*
Sphenospora kevorkianii

HAWAII:

Macrophoma musae
Phyllostictina pyriformis
Radopholus similis
Oromyces alyriae

HONDURAS:

†*Phyllachora engleri*
†*P. graminis*
Sphenospora kevorkianii
†*Uredo behnickiana*
†*U. guacae*
U. oncidii

HONG KONG:

Guignardia (Phoma) citricarpa
Xanthomonas citri

INDIA:

Graphiola borassi
Meloidogyne arenaria
†*M. hapla*
M. incognita
M. javanica
Xanthomonas citri

INDONESIA:

Xanthomonas citri

IRELAND:

Heterodera punctata
H. rostochiensis
Puccinia buxi

ITALY:

Aphelenchoides subtenuis
Chrysomyxa ledi var. *rhododendri*
†*Cylindrosporium castaneae*
†*Dendrophoma pulvis-pyrus*
†*Elsinoe ampelina*
Helicotylenchus nanmus
Heterodera avenae
H. cacti
H. punctata
Meloidogyne incognita
M. incognita acrita
†*Neovossia horrida*
Phyllosticta ruscicola
†*Pleospora samarae*
†*Pseudolachnea bubakii*
Puccinia buxi
Septoria citri
S. limonium
S. piricola
†*Stigmima palmivora*
†*Tylenchorhynchus claytoni*

JAMAICA:

†“Greasy spot”
†*Meloidogyne javanica javanica*
†*Pratylenchus coffeae*

Sphenospora kevorkianii
S. saphena
Uredo behnickiana
U. guacae
†*U. neopustulata*
U. nigropuncta
U. oncidii

JAPAN:

Aphelenchoides fragariae
Ascochyta citri
†*Coniothecium scabrum*
Cronartium quercuum
Diplodia oryzae
Dothiorella phomiformis
†*Fusarium larvarum*
Guignardia (Phoma) citricarpa
Gymnosporangium haraeaeum
Leptosphaeria eustomoides
Meloidogyne arenaria
M. arenaria thamesi
M. hapla
M. incognita
M. incognita acrita
M. javanica
Mycosphaerella schoenoprasii
Neovossia horrida
Puccinia horiana
P. longicornis
†*Rhytisma ilicis-latifoliae*
Septoria citri
S. oryzae
†*Trichocladium asperum*
†*Typhula itoana*
Uromyces lespeziae-procumbentis
Xanthomonas citri

KOREA:

†*Guignardia (Phoma) citricarpa*

LEBANON:

†*Macrophoma dalmatica*

MACAO:

Guignardia (Phoma) citricarpa

MEXICO:

†*Cercospora cupueae*
†*C. erythrinae*
C. odontoglossi
†*C. populina*
C. punicae
†*Chaetopeltopsis tenuissima*
†*Coniella diplodiella*
Coniothyria agaves
†*Coniothyrium trabutii*
†*Criconema celetum*
†*Criconemoides curvatum*
C. mutabile
†*C. peruvense*
Cronartium quercuum
Cytospora punica
†*Dendrodochium rubellum*
Ditylenchus dipsaci
†*Helicotylenchus buzophilus*
†*H. dihystra*
H. nannus
Heterodera cacti
H. punctata
H. rostochiensis
Meloidogyne arenaria
M. incognita
M. incognita acrita
†*M. incognita incognita*
M. javanica
†*Mycosphaerella tarodii*
†*Mytocopron corrientinum*
Ophiotothella orchidearum
Papularia vinosa
†*Phyllosticta bromeliae*
†*P. parkinsoniae*
†*P. phaseolina*
Phyllosticta pyriformis
†*Phyctaea ficum*
†*Pratylenchus coffeae*
Prosopium appendiculatum
Pyrenochaeta spinicola
Scutellonema brachyurum
Sphaceloma punicae

See footnotes at end of this list.

Countries of Origin and Diseases—Continued

MEXICO—Continued

- †*Sphenospora kevorkianii*
- †*S. saphena*
- S. mera*
- Stomatogone agaves*
- †*Strickeria obducens*
- †*Strumella simmondsiae*
- Thecaphora solani*
- Tobacco ring spot virus
- †*Tylenchorhynchus acti*
- T. capitatus*
- Uredo behnickiana*
- U. nidularii*
- U. oncidii*

MOROCCO:

- †*Heterodera punctata*
- †*Meloidogyne incognita acrita*

MOZAMBIQUE:

- Guignardia (Phoma) citricarpa*

NEPAL:

- †*Macrophoma musae*

NETHERLANDS:

- †*Alternaria zinniae*
- Coniothyrium cytisellum*
- Cryptocline paradoxa*
- Didymenchus destructor*
- Heterodera punctata*
- H. rostochiensis*
- Meloidogyne arenaria*
- M. hapla*
- M. incognita acrita*
- †*Pleospora microspora*
- Pratylenchus penetrans*
- Rotylenchus robustus*
- †*Septoria minimum*

NEW ZEALAND:

- Cryptospora longispora*
- †*Diaporthe camelliae*
- Macrophoma araucariae*
- †*Mycosphaerella schoenoprasii*

NICARAGUA:

- †*Diplodia coccocarpa*

NORFOLK ISLAND:

- Cryptospora longispora*
- Macrophoma araucariae*

NORWAY:

- †*Gymnosporangium cornutum*
- Heterodera punctata*
- Leptosphaeria eustomoides*

OKINAWA:

- Guignardia (Phoma) citricarpa*

PAKISTAN:

- †*Sphacelotheca reiliana*

PANAMA:

- †*Meloidogyne arenaria*
- †*M. incognita*
- Sphenospora kevorkianii*
- †*S. mera*
- Uredo guacae*
- †*U. nidularii*

PARAGUAY:

- Elsinoe australis*

PERU:

- †*Heterodera cacti*
- H. rostochiensis*
- Meloidogyne arenaria*
- Sphenospora kevorkianii*
- S. mera*
- Uredo guacae*
- †*U. nigropuncta*
- U. oncidii*

PHILIPPINES:

- Guignardia (Phoma) citricarpa*
- †*Hypoxylon marginatum*

POLAND:

- Heterodera rostochiensis*
- †*Mycosphaerella fragariae*

PORTUGAL:

- †*Heterodera punctata*
- †*Meloidogyne incognita*

PUERTO RICO:

- †*Chaetopeltopsis tenuissima*
- Elsinoe mangiferae*
- E. phaseoli*

- Puccinia urbaniana*
- †*Sphaceloma spondiadis* (?)
- Uromyces dolicholii*

REPUBLIC OF SOUTH AFRICA:

- Didymellina ornithogalli*
- Guignardia (Phoma) citricarpa*
- Leptosphaeria protearum*
- Meloidogyne incognita*
- M. incognita acrita*
- M. javanica*
- Phaeosphaerella senniana*
- Puccinia ornithogalli-thyrsoideis*

SCOTLAND:

- Heterodera rostochiensis*

SIERRA LEONE:

- †*Meloidogyne incognita*

SINGAPORE:

- Guignardia (Phoma) citricarpa*
- Macrophoma musae*

SPAIN:

- †*Dothidella depazeoides*
- Elsinoe piri*
- †*Meloidogyne javanica*
- Monilinia fructigena*
- Mycosphaerella schoenoprasii*
- Septoria citri*
- †*S. limonium*

SWEDEN:

- †*Heterodera cacti*
- H. punctata*
- H. rostochiensis*
- Monilinia fructigena*

SWITZERLAND:

- Chrysomyxa ledi* var. *rhododendri*
- †*Cytospora translucens*
- †*Lophodermium piceae*
- †*Meloidogyne hapla*

TAHITI:

- †*Meloidogyne incognita acrita*

TAHITI (?):

- †*Guignardia (Phoma) citricarpa*

THAILAND:

- Guignardia (Phoma) citricarpa*
- Phyllostictina pyrriformis*
- Xanthomonas citri*

TRINIDAD:

- Meloidogyne incognita*
- Sphenospora kevorkianii*
- †*S. saphena*

UNION OF SOVIET SOCIALIST REPUBLICS:

- †*Puccinia polygoni-amphibii*
- †*Pythium intermedium*
- †*P. mamillatum*
- †*P. salpingophorum*
- †*P. ultimum*

UNKNOWN:

- Chrysomyxa ledi* var. *rhododendri*
- Corynebacterium fascians*
- Cumminsia mirabilissima*
- Elsinoe australis*
- Guignardia (Phoma) citricarpa*
- Heterodera punctata*
- H. rostochiensis*
- Kuehneola uredinis*
- †*Mycosphaerella acicola*
- Puccinia buxi*
- Septoria citri*
- Uredo behnickiana*
- Xanthomonas citri*
- Xanthomonas* sp. (Cancrosis B)

URUGUAY:

- Elsinoe australis*
- Xanthomonas* sp. (Cancrosis B)

VENEZUELA:

- †*Marssonina fragariae*
- †Tobacco mosaic virus
- Uredo epidendri*

VIETNAM:

- Guignardia (Phoma) citricarpa*

WALES:

- Heterodera punctata*

WEST AFRICA:

- †*Meloidogyne arenaria*

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates a first interception by Division inspectors.







